

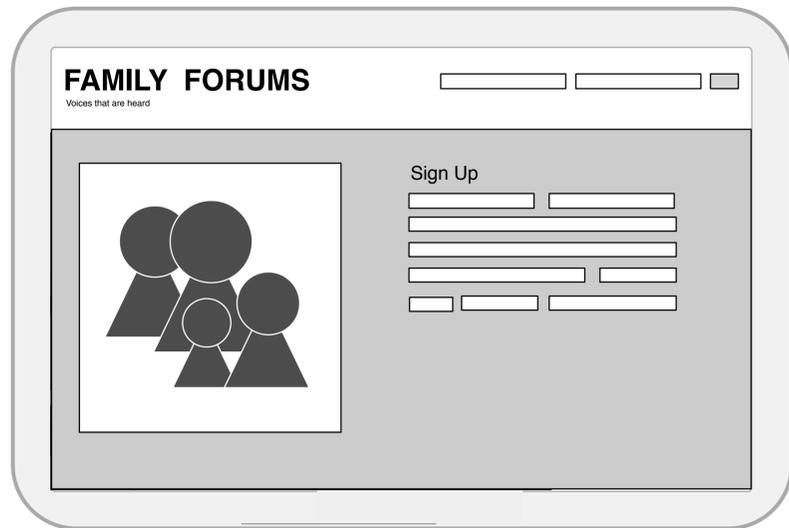
**SAMSUNG**  
FAMILY FORUM

WIREFRAMES

DATE  
**12.21.2011**

# Sign-In : Password and Touch Code

1



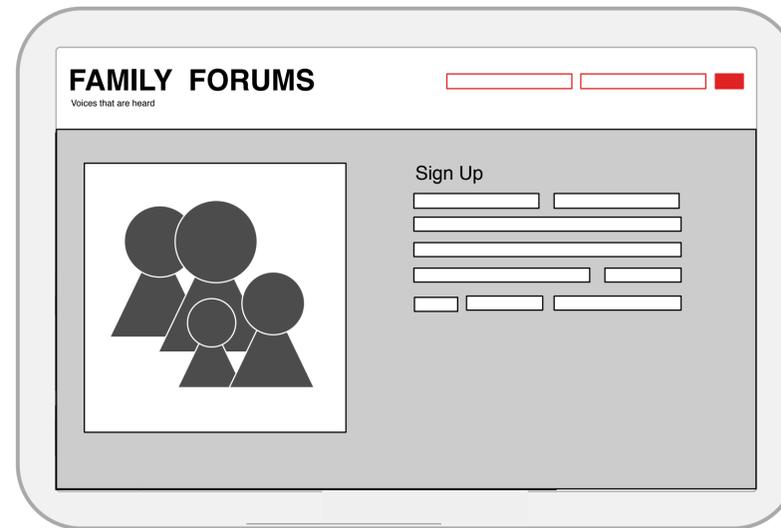
## 1. Sign-In

Members of the Family Forum can sign into the service using two different methods:

*UserName and Password* - A unique ID is assigned to each member of the service.

*Touch Code* - As part of a user profile, user may create a short-cut code to use to log-in.

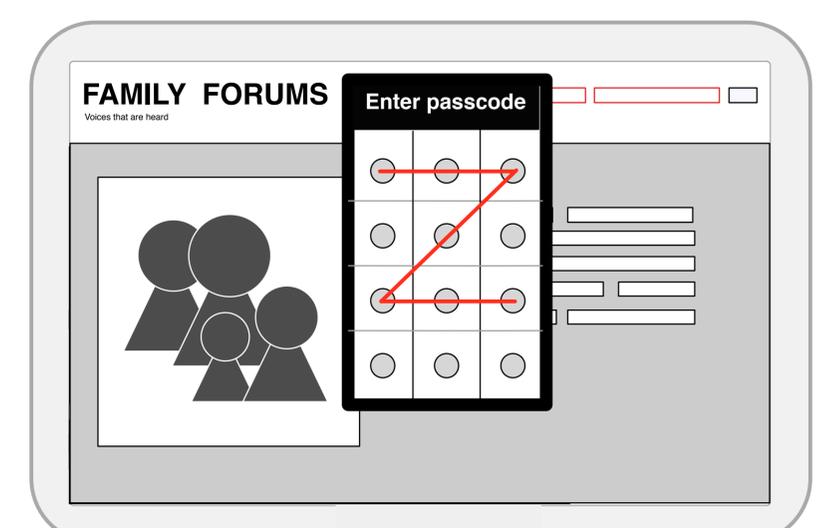
2



## 2. Standard Username/ Password Entry

Using standard device text entry, users can input their username of password.

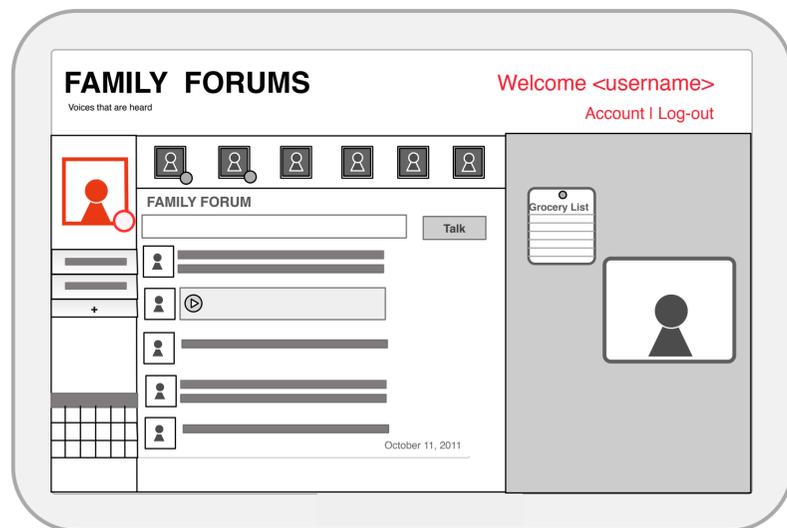
3



## 3. Touch Code Entry

On any touch device, users can choose to use a short-cut touch code to enter a unique touch pattern into any device. This can save time and add increased privacy controls to sensitive information in mobile and ubiquitous environments.

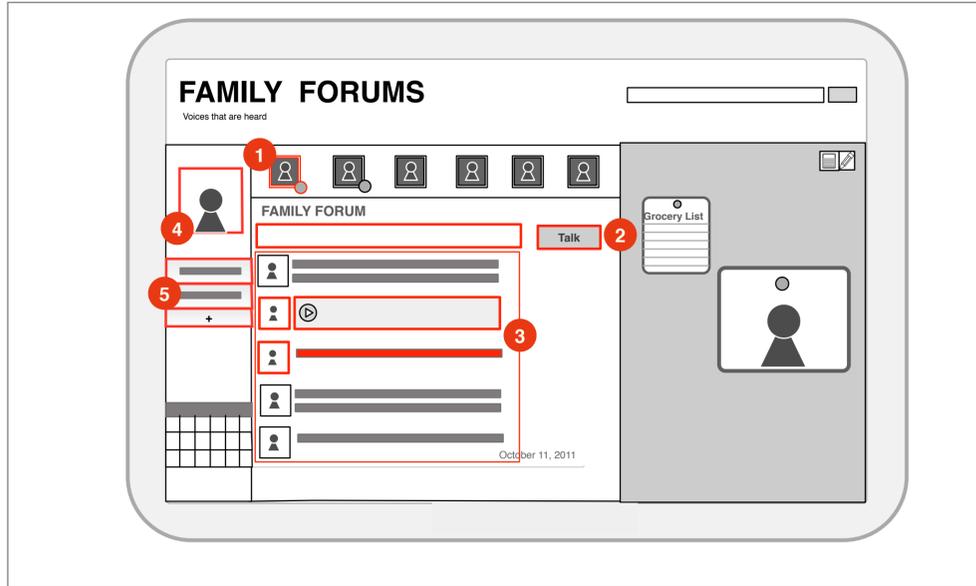
4



## 4. Logged-In State

Once the user is logged in userName, account, and profile picture appear to show identity and presence.

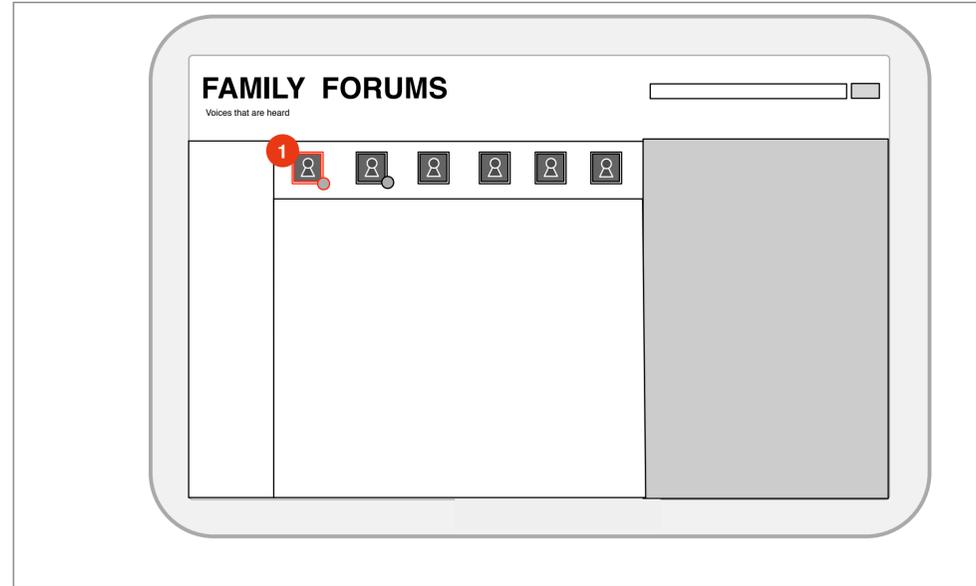
# Forum: Use and Components



## Family Forum

The Forum is a central place where a *closed* group is able to share their status' and ambient activity, accessible by any device. There are 5 basic components to the forum:

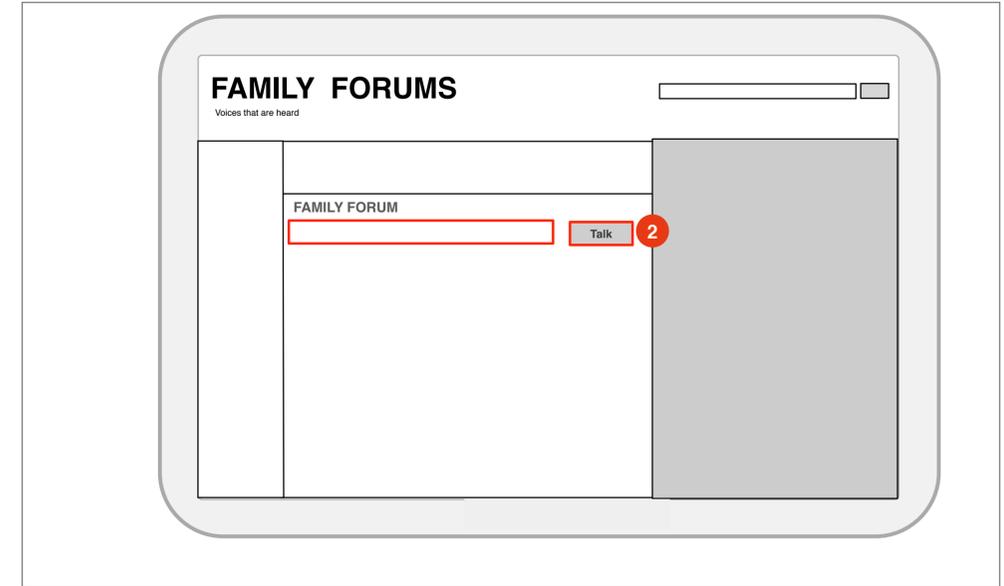
1. Forum Members Status
2. Forum Post Entry
3. Forum Wall
4. User Profile
5. Other Forums



## 1 Forum Members Status

*Member profile thumbnails:* The Family Forum is a closed service. It has a limited number of members. This area shows a thumbnail of all the members in the forum

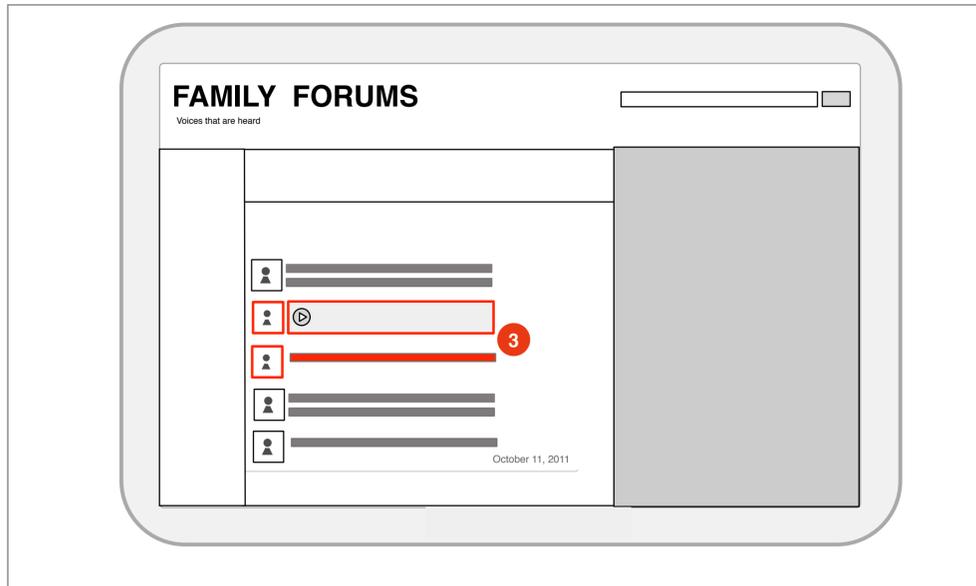
*Device status:* Indicated by the round dot in the bottom right, displays both on/off by color and device by shape. On/ off colors include: red (not available); green (available); yellow (idle). Devices include: mobile, tv, and tablet and web (PC).



## 2 Forum Post Entry

*Post Entry:* Members enter a forum post into the indicated status bar in the forum. Types of media that are able to be posted via this post entry area include:

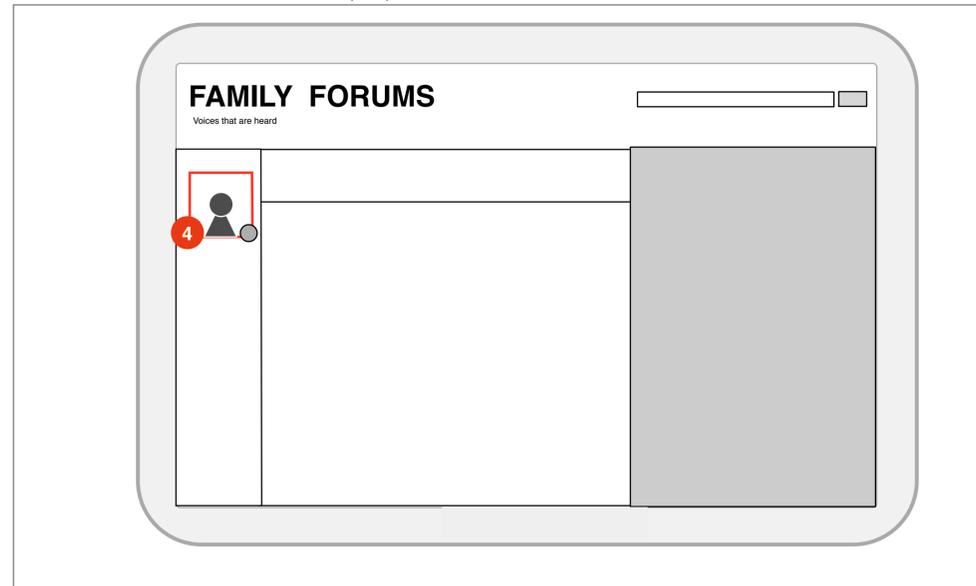
- Text
- Images
- Video
- Audio
- URL



## 3 Forum Wall

Posts from all members appear on the Forum wall, in a time delineated order. Metadata to be included in each post includes:

- user thumbnail and username
- media (text, image thumbnail, video thumb, url & preview pic/ summary)
- time/ date
- comments
- via "device"

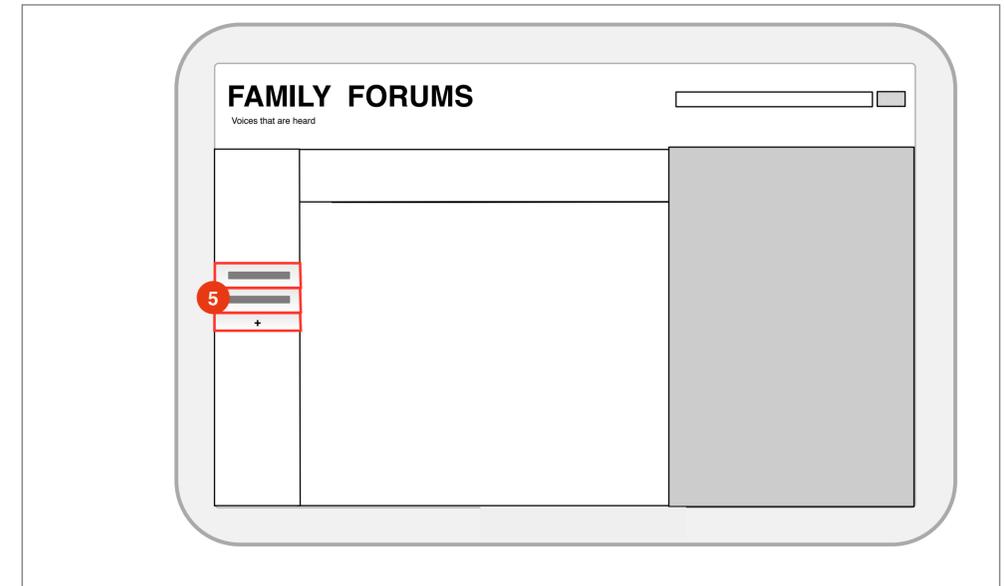


## 4 User Profile

*User profile thumbnail:* This area shows a thumbnail of the current user in the forum

*Username:* User name should be shown just above the user profile picture.

*Device status:* A visual indicator in the bottom right displays both on/ off by color and device by shape. On/ off colors include: red (not available); green (available); yellow (idle). Devices include: mobile, tv, and tablet.

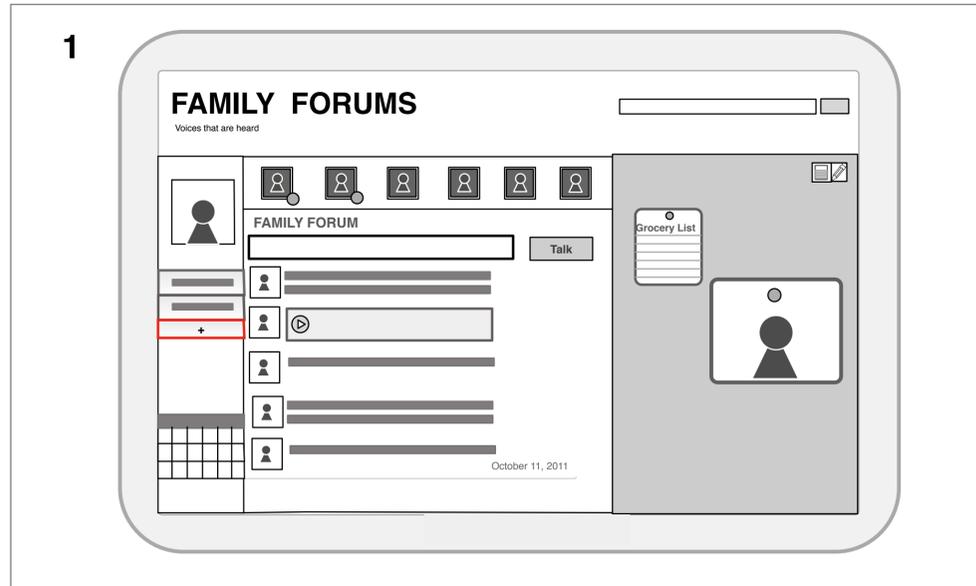


## 5 Other Forums

*New Forums:* Using the tabs at the left, the user is able to switch through the different forums. The "+" indicator below the tabs, indicates the ability to create a whole new forum based on any topic.

*Edit Forum:* Clicking the forum name a submenu reveals itself to hold editing functions of the forum. These functions currently include "delete" and "create capsule".

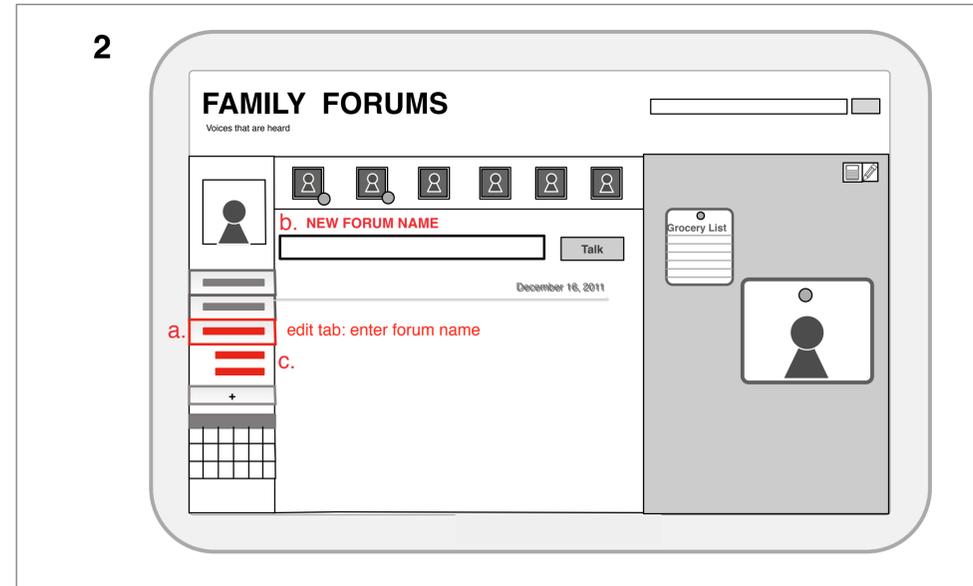
# Forum: Creating an Additional Forum



## 1. Select "New" Forum Button

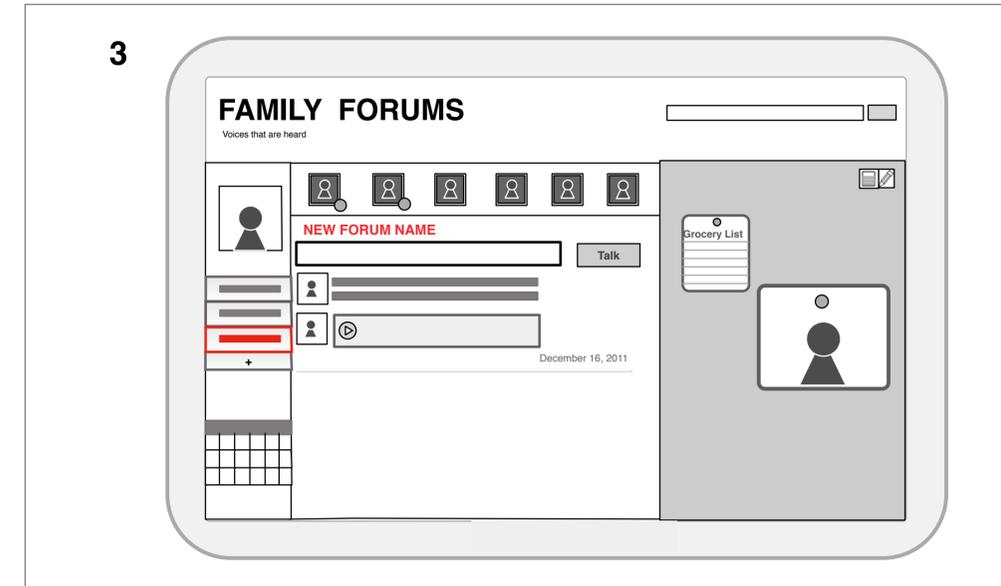
- User selects the new forum button and a new "subject-based" forum is create.

*Topic-based Forum:* is different from the main forum in that it has a topic. The main forum is just a general time-based daily feed, while the "topic-based" forums can persist until the user terminates the topic by deleting it or turning it into a capsule.



## 2. A "New Topic Forum" is created

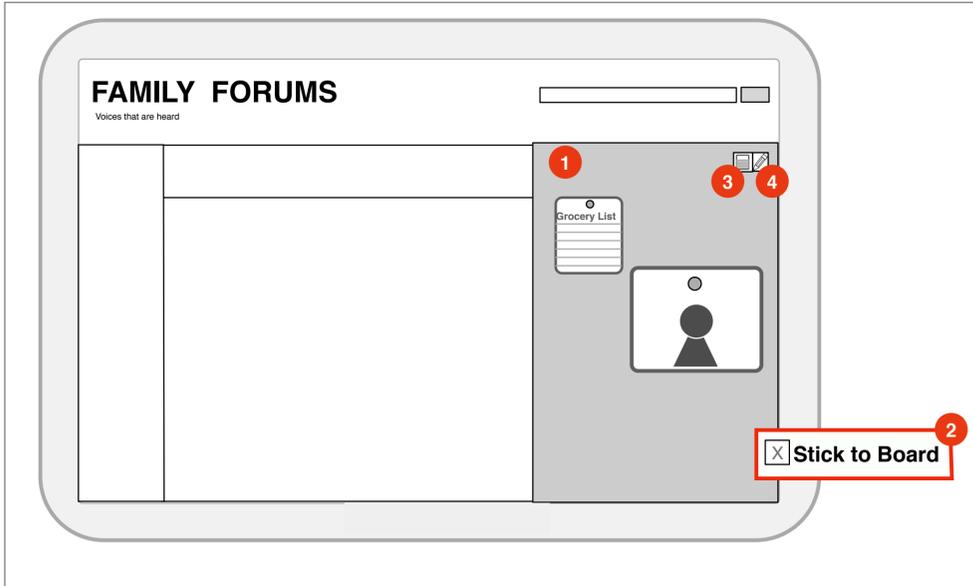
- User edits the topic name on the tab that was just created and the New Forum name is reflected at the top of the Forum (b).
- Options "Create Capsule" and "Delete" are present.



## 3. Populating Forum

- Users can then start populating the Forum with posts and media until the user "Creates Capsule" and archives the Forum or "Deletes" it entirely.

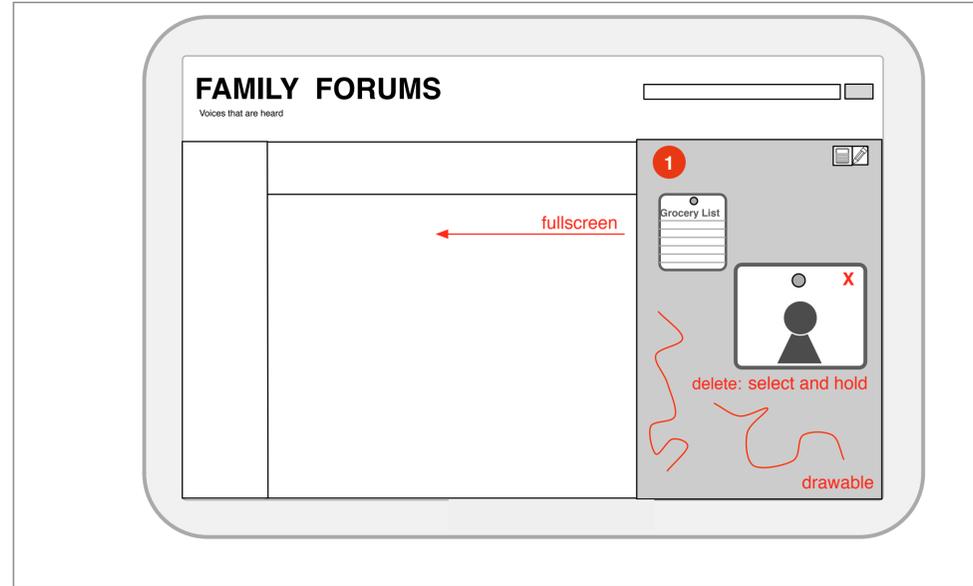
# Board: Use and Components



## The Board

The Board is a place where media thumbnails and objects can be persistently posted, to be viewed at any time. Two main features of The Board are the board itself and its embedded modular action "stick to board". All actions on the board are recorded by a post in the Forum. Post it notes and drawing tools allow the user to manipulate and add to the board direction.

1. The Board
2. Embedded Modular Action : "Stick to Board"
3. Post it notes
4. Drawing tools



## 1 The Board

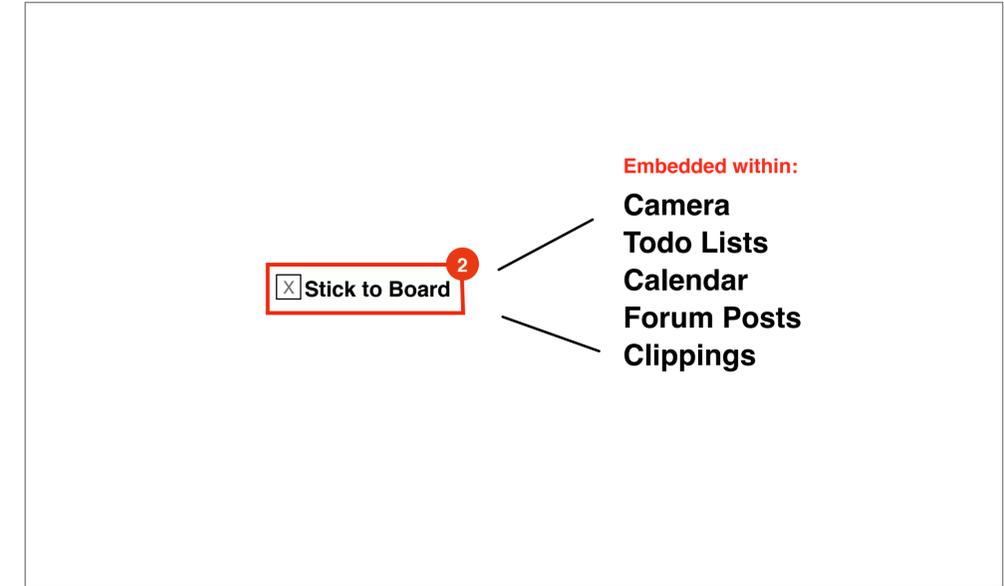
The Board itself is a place to hold media objects:

*Full view:* Tapping or selecting The Board, enlarges it to full screen.

*Close to side:* Selecting full view or pinching (touch screens), returns it to its side dock.

*Drawing:* The Board is a surface which can be drawn on. As well, any thumbnail on the board may also be able to be drawn on using finger (touch) or the digital drawing toolbox.

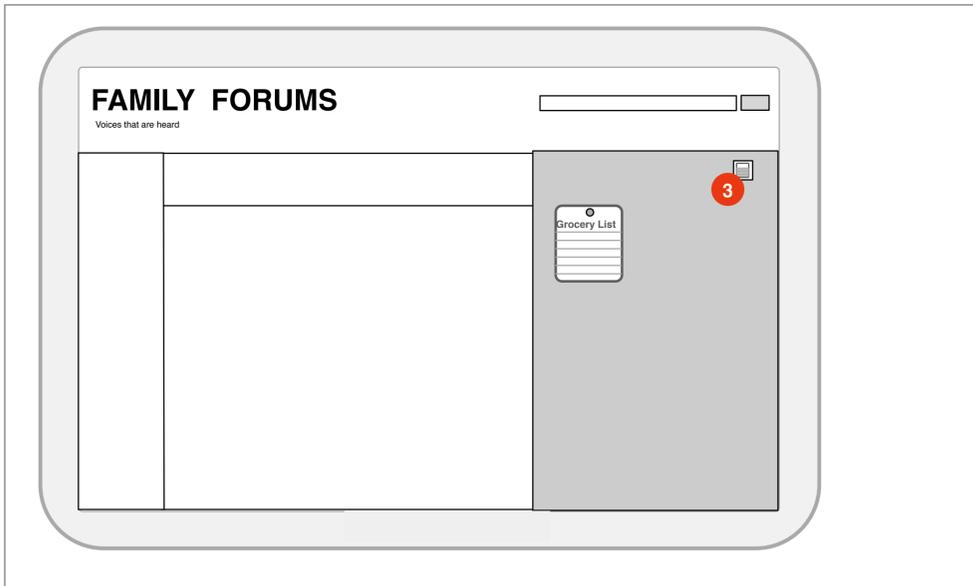
*Removing objects:* Press and hold allows any media object to be removed.



## 2 Stick to Board

Stick to Board is a modular method which can be embedded into any other application within the system. Selecting the item places the item on the board until a user has manually removed it. Suggested applications in which to embed "Stick to Board" include:

- Camera
- Todo Lists
- Calendar
- Forum Posts

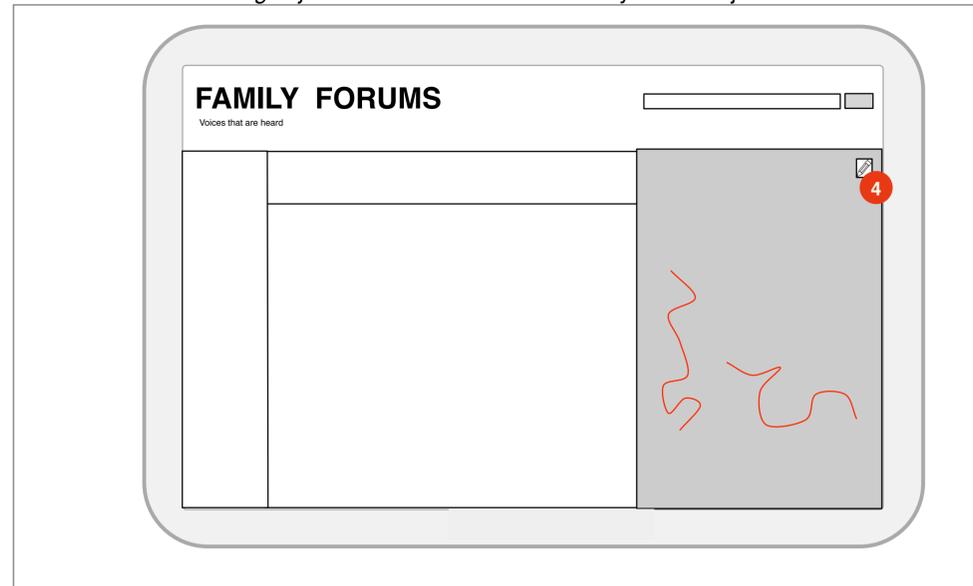


## 3 Post-It Notes

Adding a "note" to the board can also be done directly to The Board itself. By pressing the "new note" button, users can directly add a sticky note right to the board.

*Lined note:* Can be used for lists, typed notes, etc.

*Doodle Note:* Uses the drawing tool to create a handwritten or drawn note.

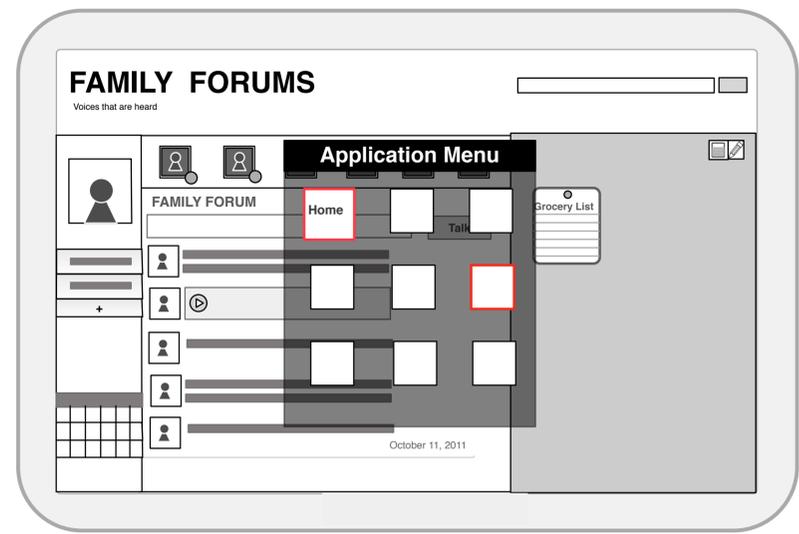


## 4 Drawing Tools

As a default, the pencil tool is used to draw directly on The Board. This is the basic tool which can be expanded to house a number of different drawing tools including paintbrushes with color selection, stamps, stickers, and erasures.

# Board: Posting a Picture

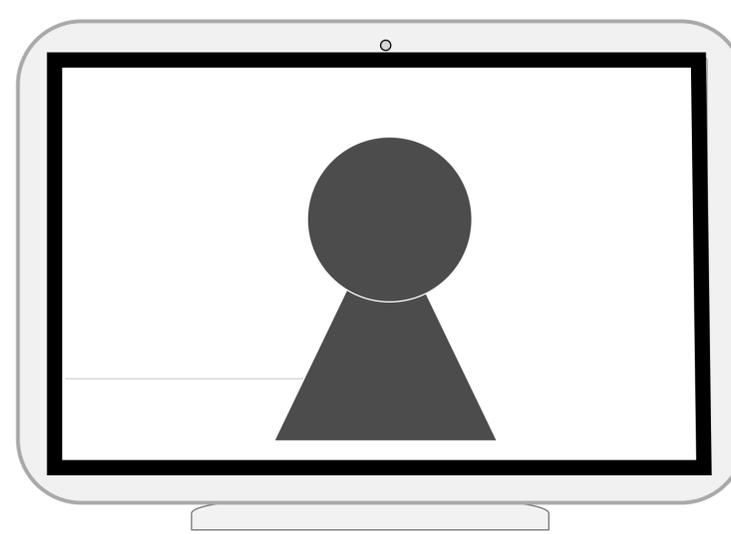
1



## 1. Navigate to Camera

- Select Camera application from the application menu.

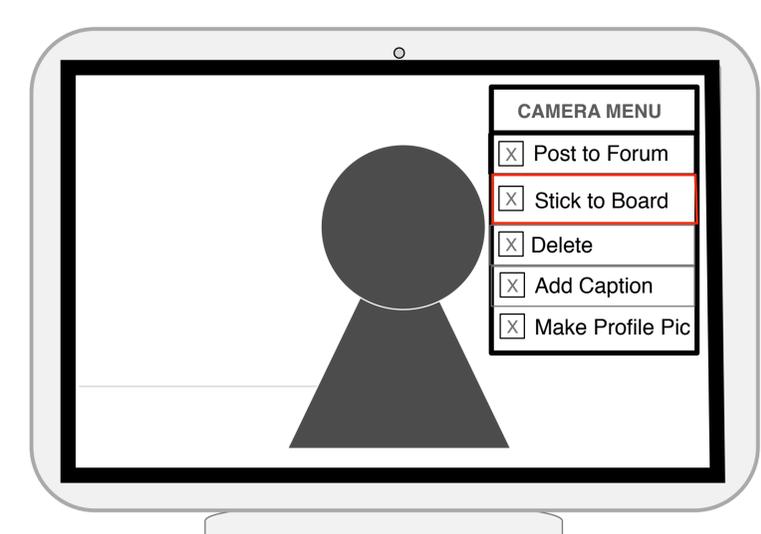
2



## 2. Take Photo

- Using the standard controls, align the camera.
- Take photo.

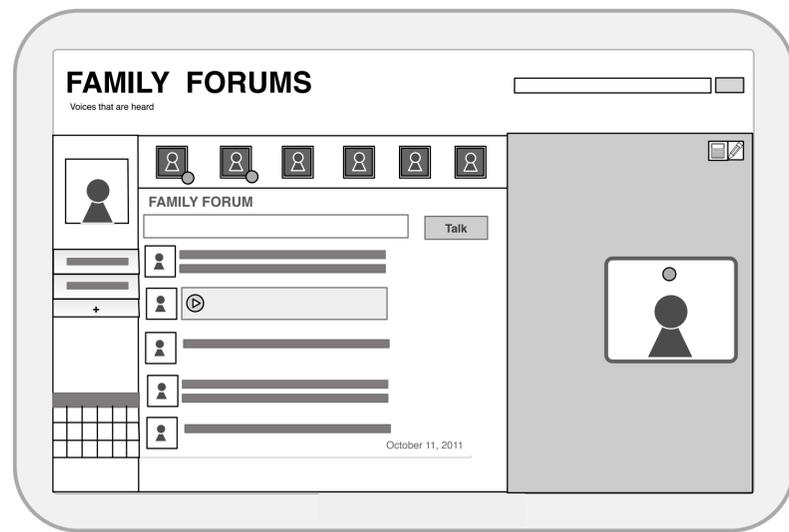
3



## 3. Preview and Post

- In the preview menu, the "Stick to Board" embedded option appears.
- User selects "Stick to Board".

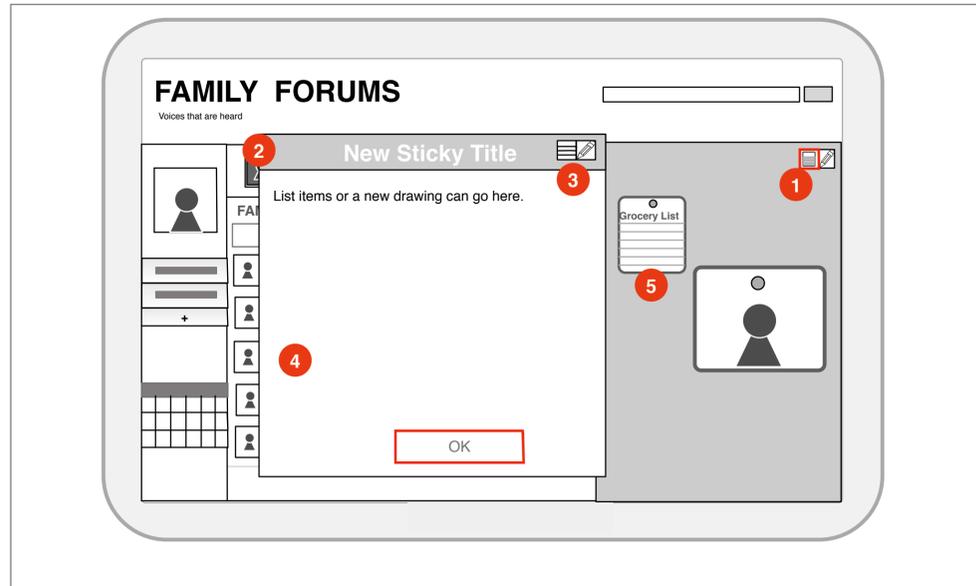
4



## 4. Thumbnail attached to Board

- The thumbnail then appears persistently on the Board. The thumbnail is linked to full image in Media Gallery application.

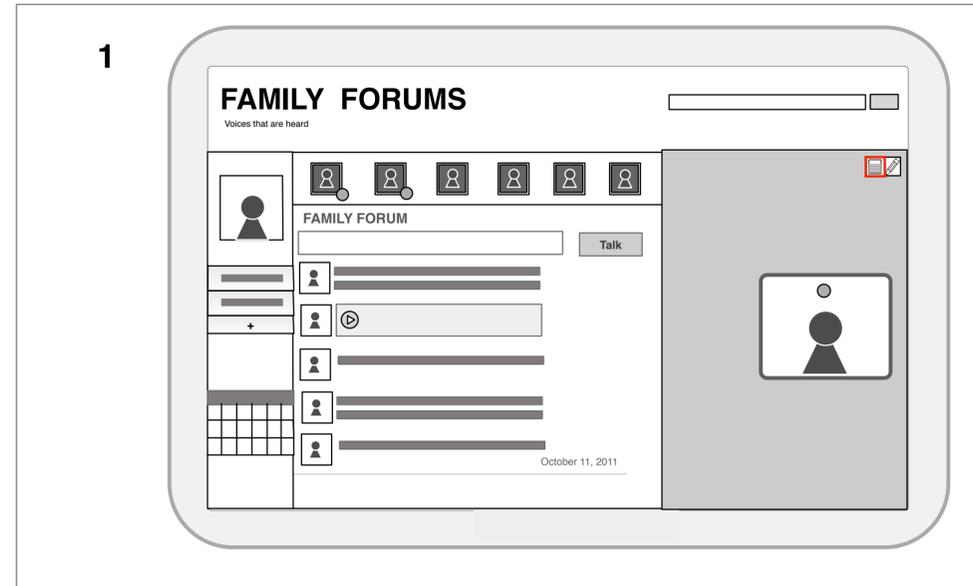
# Board: Posting a Note



## Sticky Notes (Overview)

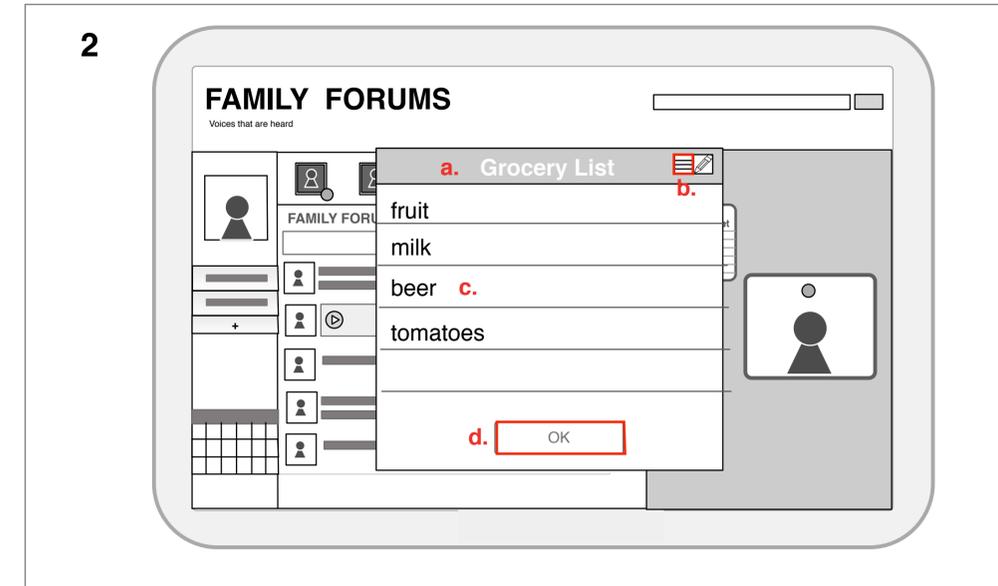
Sticky notes can be added to the board directly and either be drawn or list views. These notes are launched from a "new note" indicator on The Board.

1. Add a Sticky Note
2. Sticky Note Title
3. List or Doodle Note Toggle
4. Body of Note
5. Thumbnail of Created Note



## 1. Select New Note

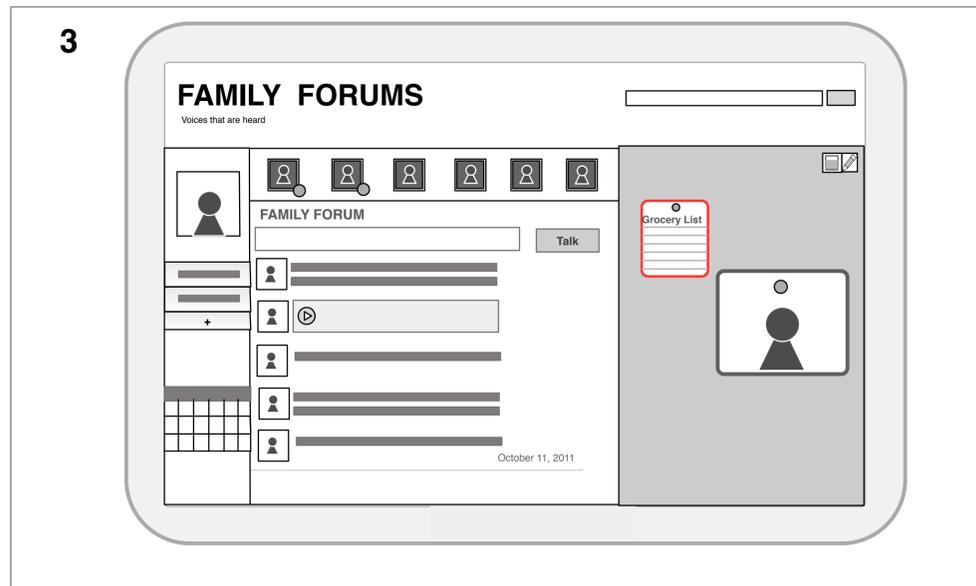
Selecting the "new note" icon instantiates a new note dialog.



## 2. Create Note

User creates a note to post on the board with a title and body.

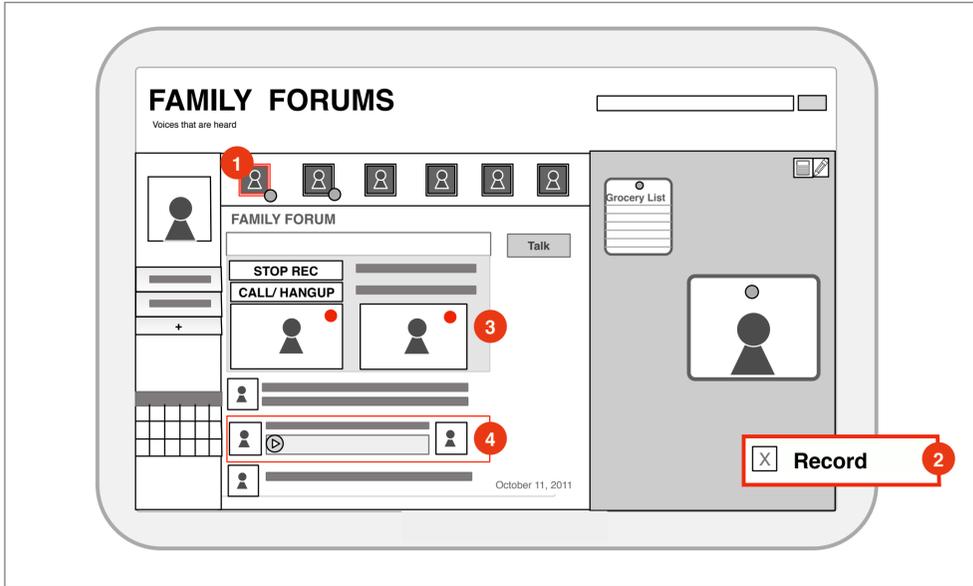
- a. Create a Note Title
- b. Select List or Doodle Note
- c. Enter body text
- d. Press ok.



## 3. Thumbnail Posted

A thumbnail of the sticky note is posted to the wall so that all participants can view and read the note.

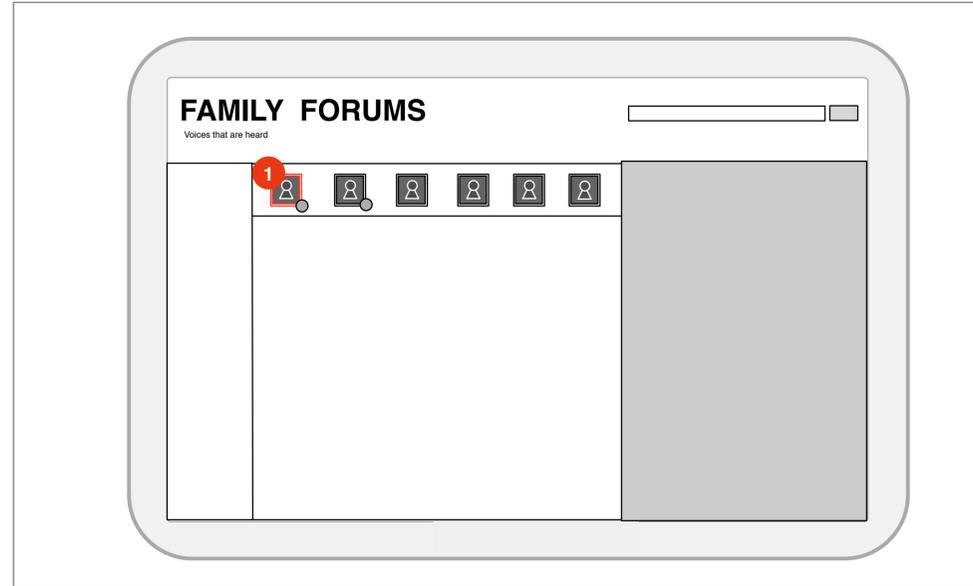
# Video Chat Integration: Use and Components



## Video Chat Integration

To ensure a real time experience and continued connectivity, Family Forum integrates video chat at three different touch points.

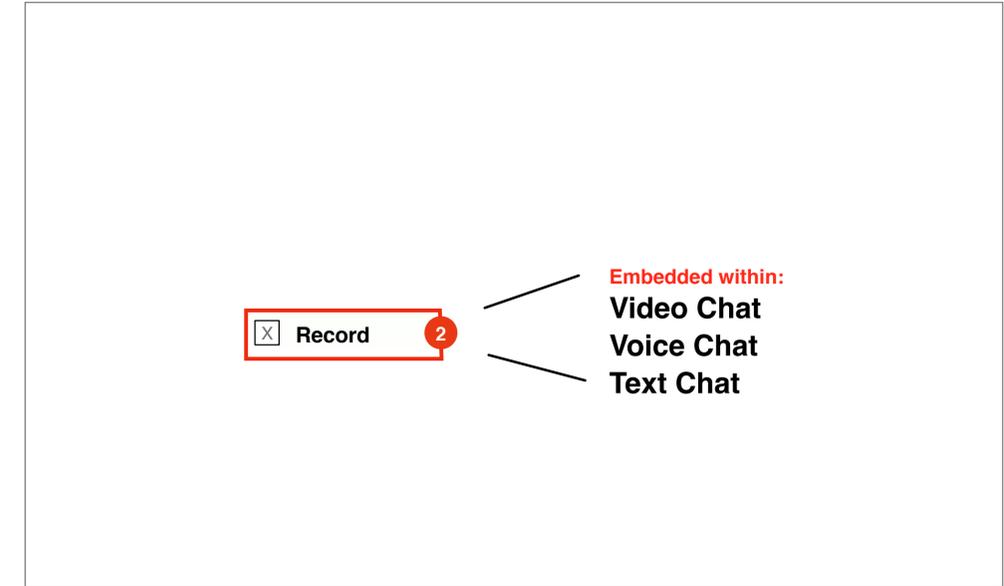
1. Call initiation from the member list
2. Embedded record function
3. Feedback post of recorded conversation
4. Collapsed Inline View



## 1 Call Initiation

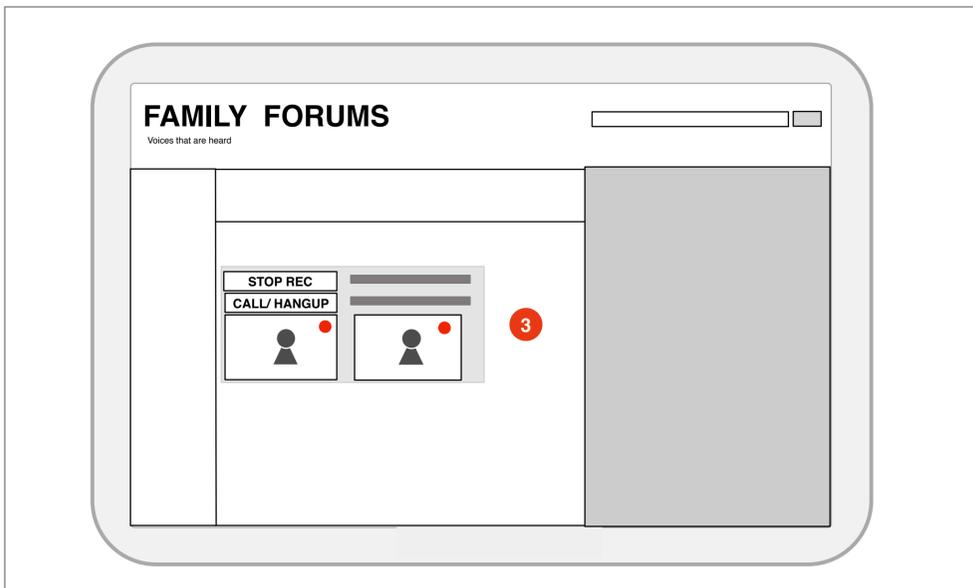
Integrating into the member list, pressing the member avatar initiates a video call to whichever device the person is logged into.

*One Touch* - With one touch, user can reach any member in the family on whichever device they are currently using.



## 2 Record Function

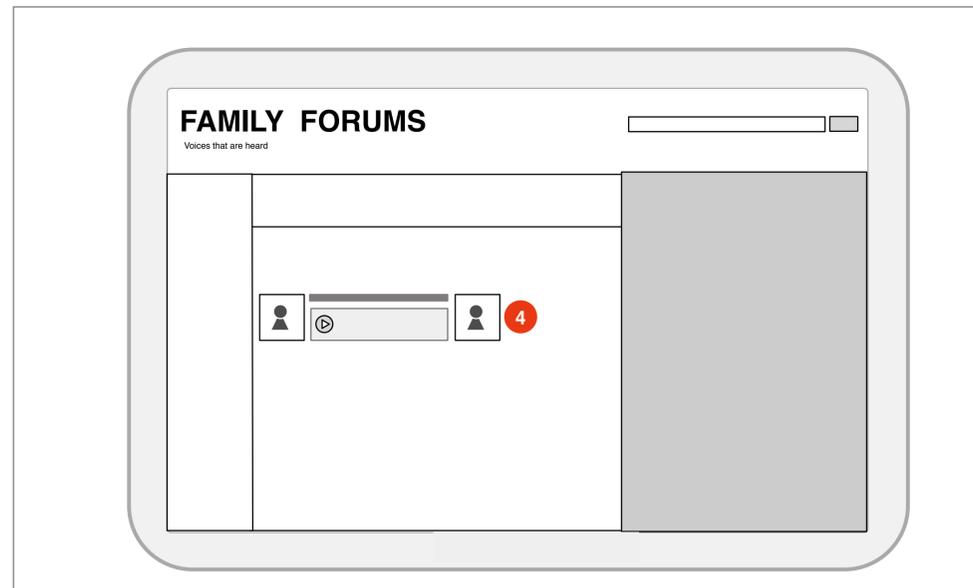
Record is embedded into the native menu of the chat client. Pressing this button records the conversation between the two parties and creates a new media object posted in the forum. Because of the closed nature of the Forum, privacy issues are less concerning. These objects and conversations will only be sharable between members in the family. Video, voice, or text files are produced depending on the chat method.



## 3 Call Collapsed View

Collapsed view is an inline view of the conversation in the Forum. It allows for all Forum participants to see that a conversation is going on. Main call and record controls and time of conversation starting are always present.

- Stop Rec
- End Call/ Add another recipient
- Join Current Video Chat

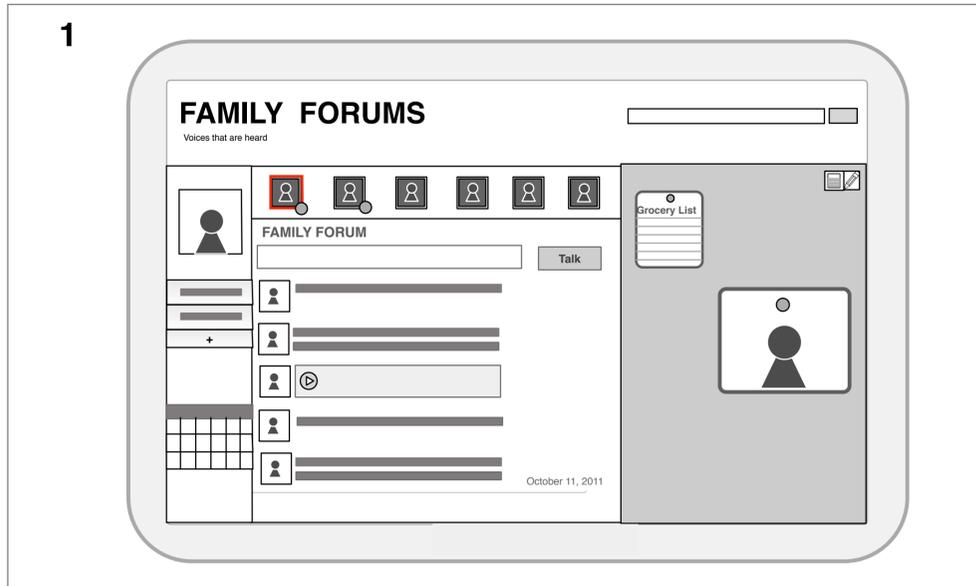


## 4 Forum Post

After the conversation has been recorded, a forum post is made which documents the conversation. The file is added to the timeline/ archive and displayed inline within the forum. Metadata about the media type are included in the post:

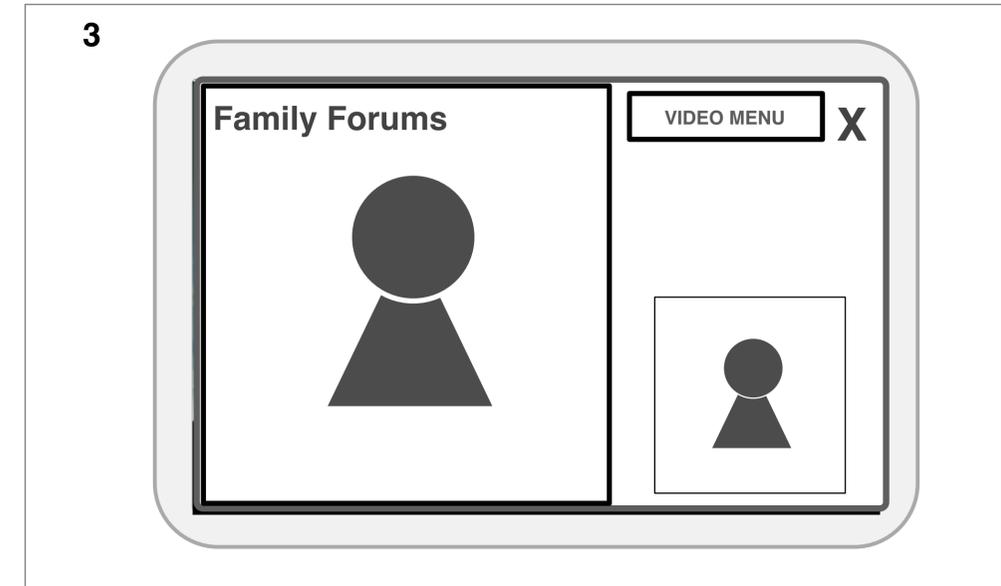
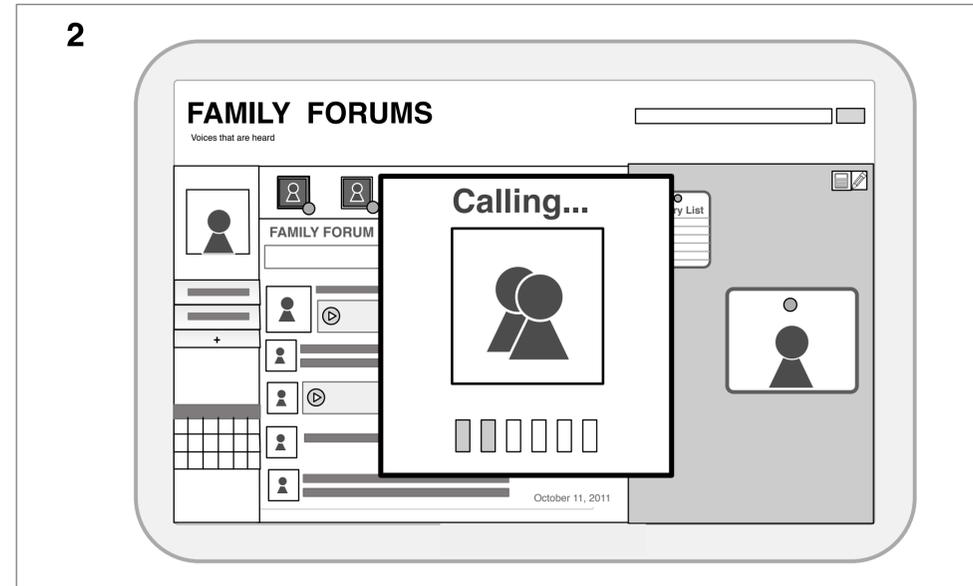
- thumbnails of the call participants
- media (text, video thumbnail)
- time/ date
- comments

# Video Chat Use



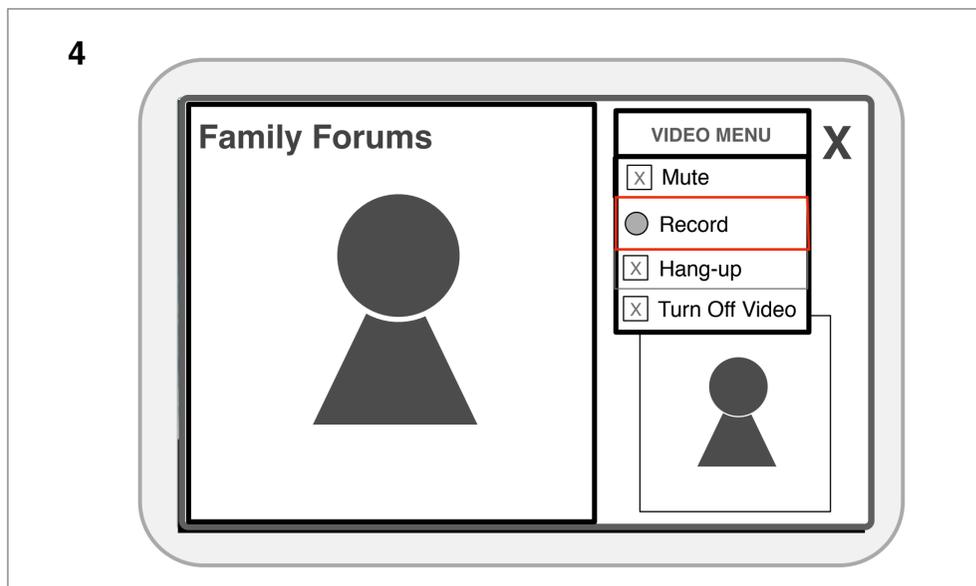
## 1. Call initiation

One touch call to initiate call recipient.



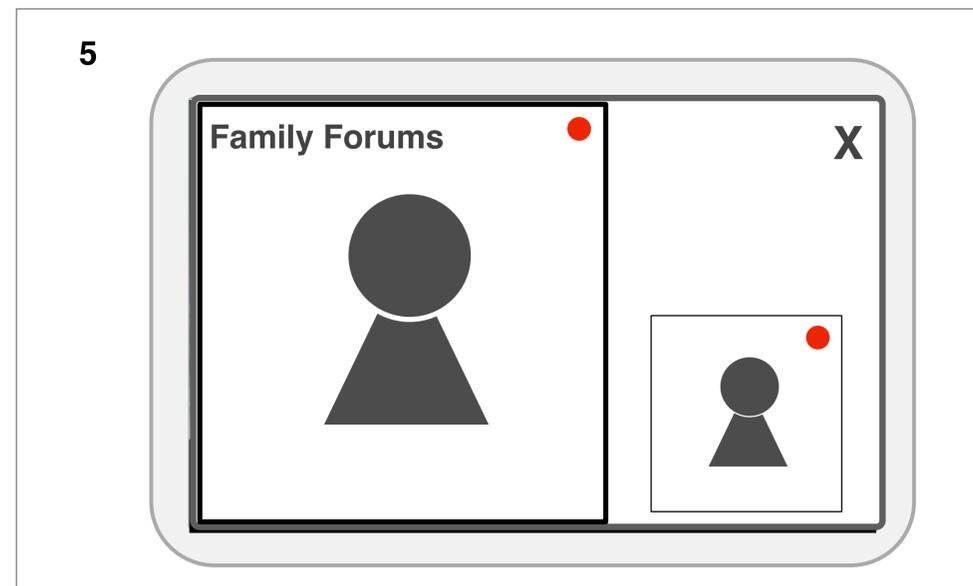
## 3. Full Screen View

Conversation is available at a fullscreen view.



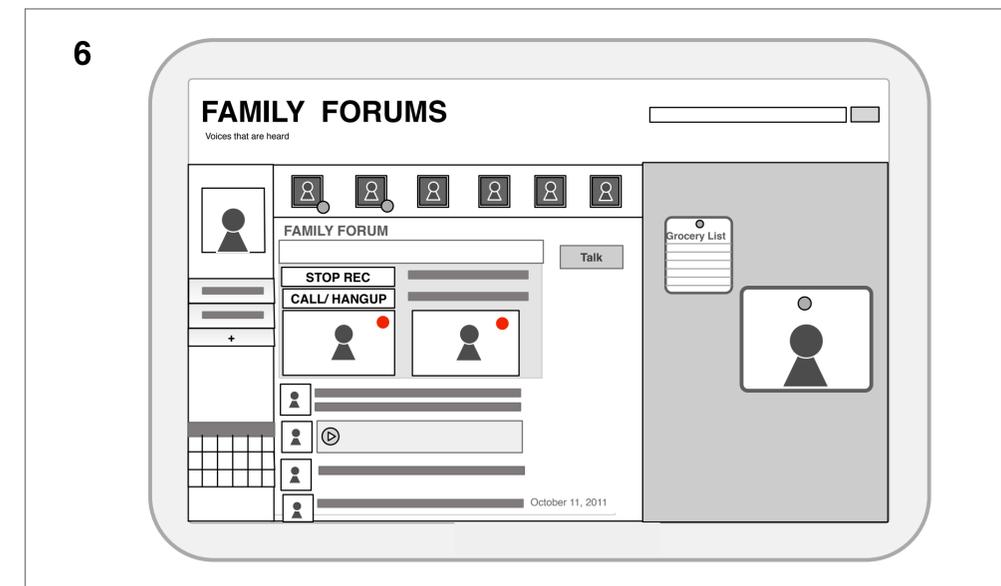
## 4. Record conversation

Pressing the record button indicates that the conversation is being recorded.



## 5. Record Indicator

Record indicator indicates that the conversation is recording both participants video and audio streams.

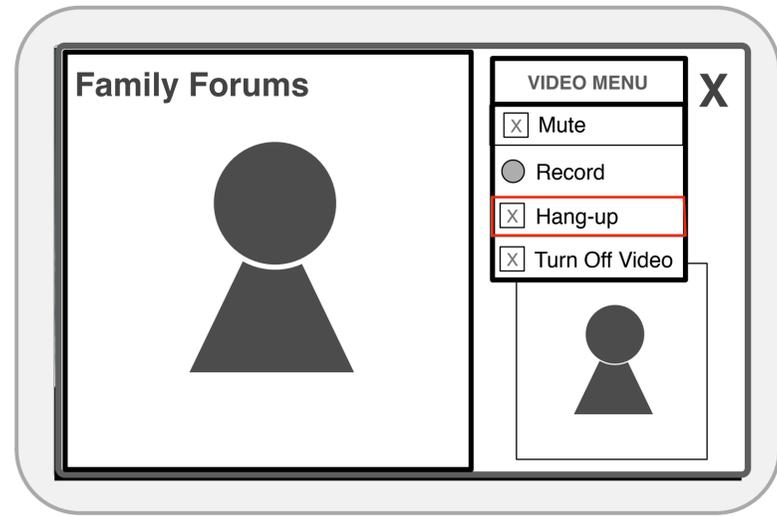


## 6. Collapsed View

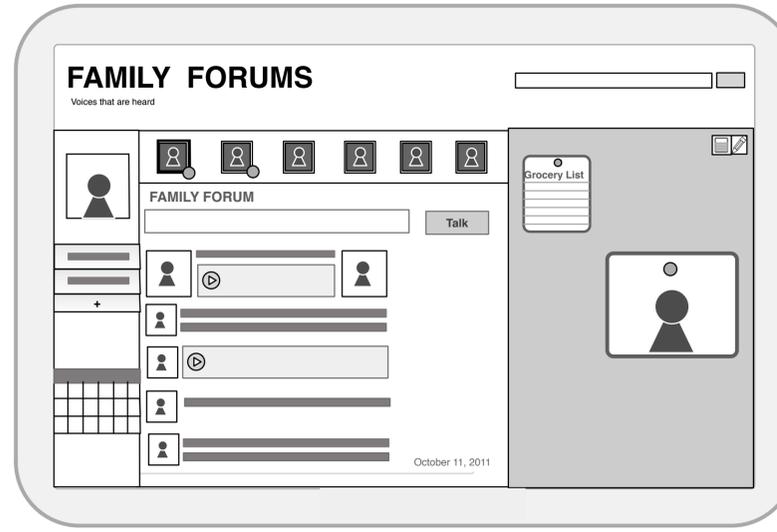
The collapsed view of the conversation continues to indicate that the entire conversation is being recorded, inline within the Forum. All participants can then see that there is a conference call going on and if they would like to join are also able. A conversation indicator and record indicator are always present during recording.

## Video Chat Use 2

7



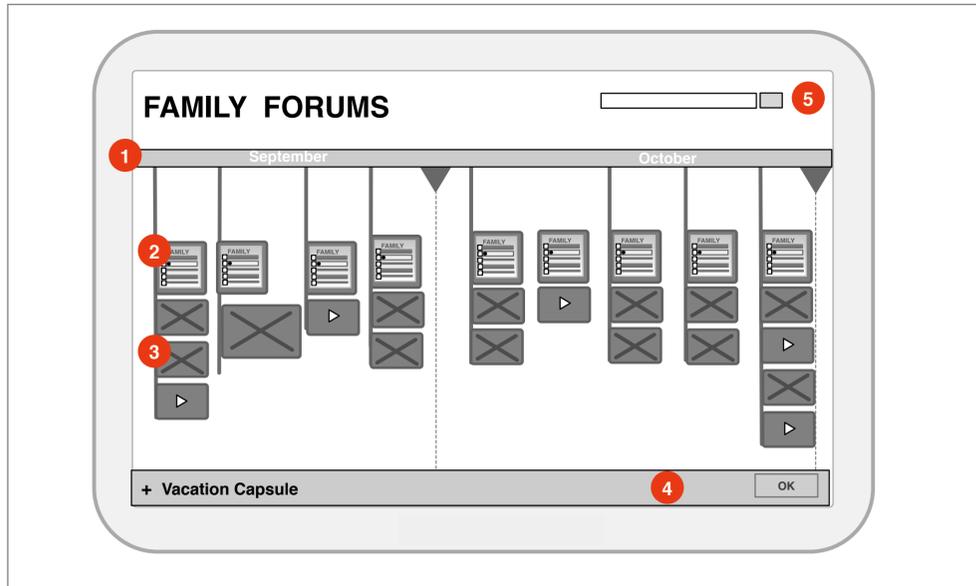
8



### 8. Post File to Forum

After the conversation has been recorded, it is saved in the timeline/ archive and posted to the forum. Here you can see which members participated in the conversation and playback the video to listen to the story.

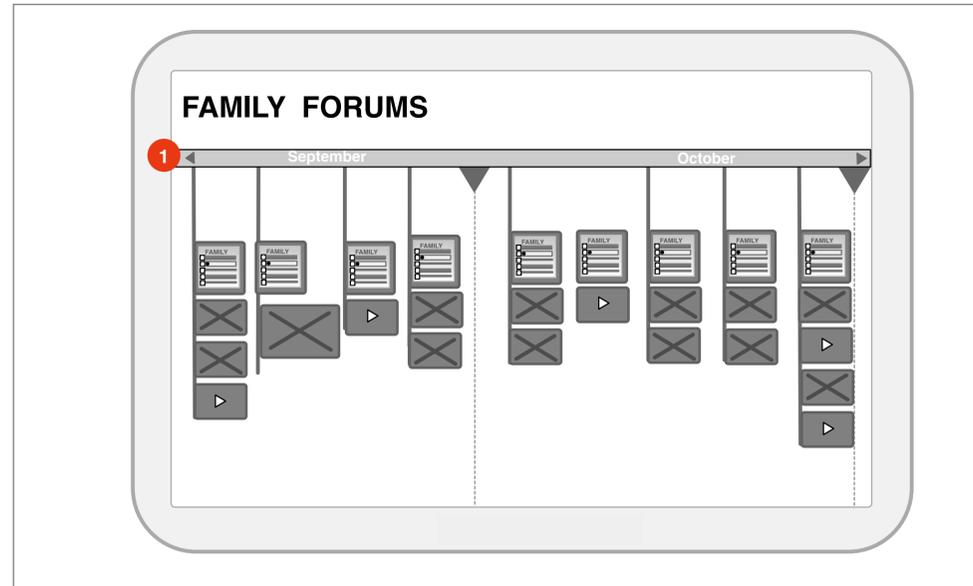
# Timeline: Recording Feedback & Timeline



## Timeline Overview

The timeline archive is the location where all of the media from the Forum is stored. A snapshot of the Forum and Board are taken on a daily basis and the media objects which were contained in those instances are displayed below. Components:

1. Timeline
2. Forum/ Board snapshot
3. Media objects
4. Capsule/ add tool bar
5. Search

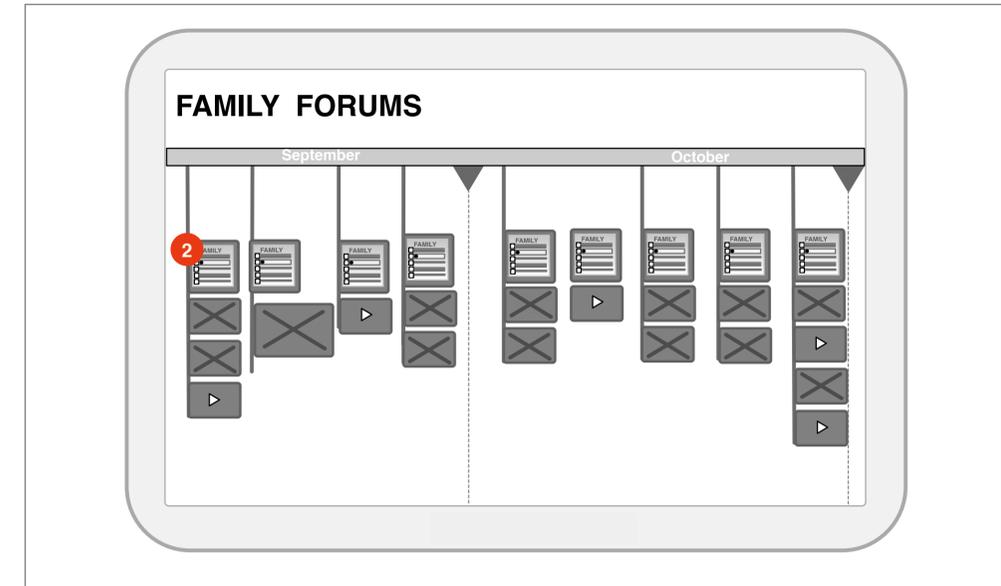


## 1 Timeline

The timeline is the organizational view of all the media. With a daily entry, it is organized chronologically by month.

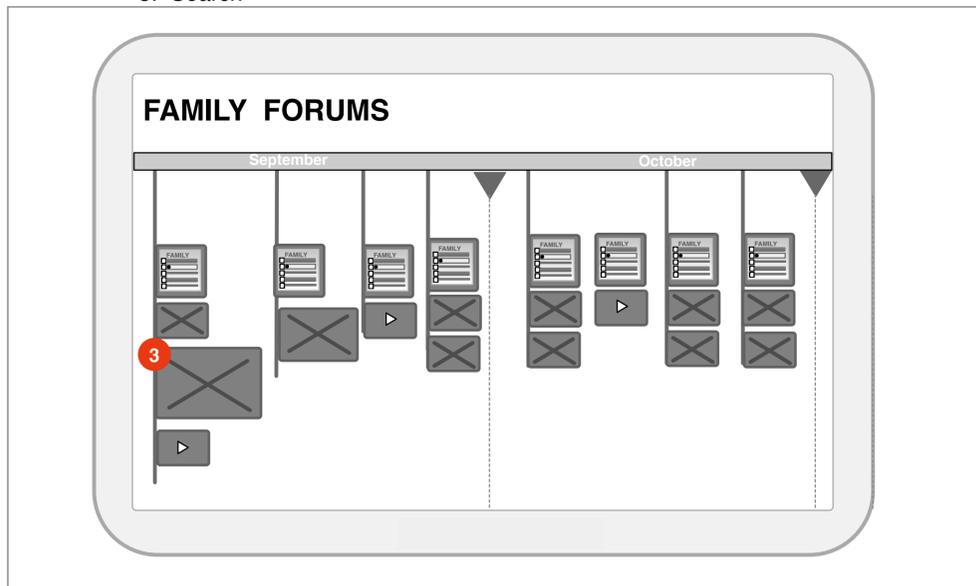
*Horizontal scroll:* It is horizontally scrollable. Using a single finger users can scroll right to left, traversing the media tree on touch devices.

*Zooming:* Using a reverse pinch or double clicking on a daily entry or a media type, users can zoom into the intended object.



## 2 Forum/ Board (Daily) Snapshot

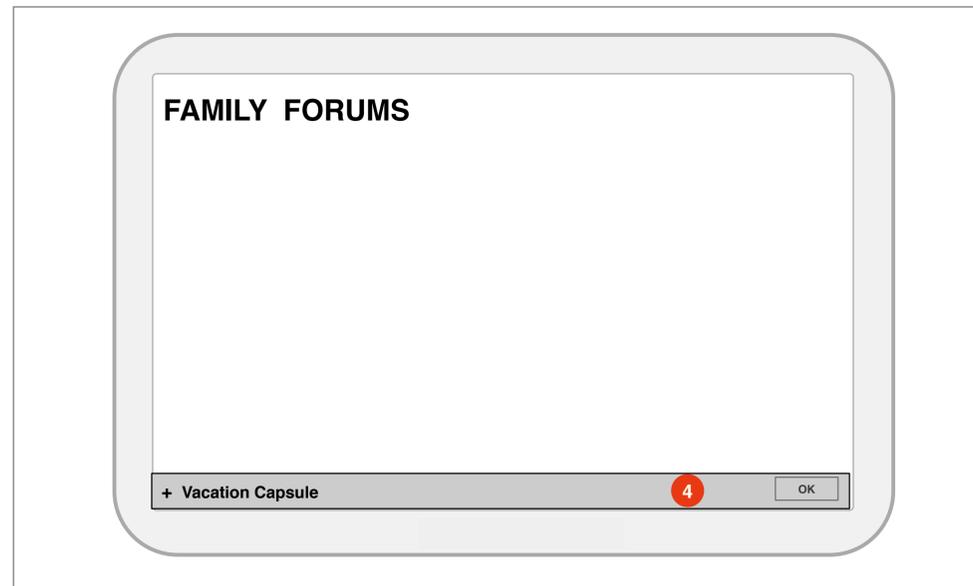
The daily entry begins with a snapshot of the current state of the Forum and Board. The preserved image and text file, allows member participants to see the whole conversation of the days activity, as well as the overview of the images and how they relate to each other. Drawings on the board are captured. The full media files expand from this state overview, so that the full experience of the media is accessible.



## 3 Media Objects

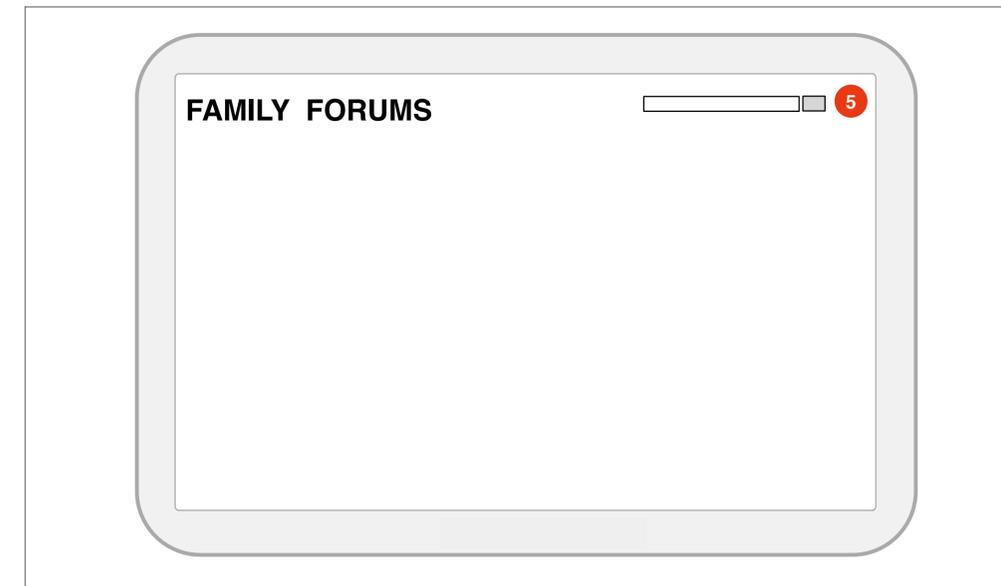
Descending from the Forum/ Board Snapshot are all the unique media files which have been posted to the Forum. These expand and contract inline to allow for gallery viewing, or video playback in line.

*Media Detail:* Selecting any object takes the user to a detail view of that object, which contains a full screen viewing option.



## 4 Capsule Adding Toolbar

When creating a capsule, users can scroll the timeline and add media objects to a capsule. Within the add flow a toolbar is appended to the timeline, where upon selecting a media object, the object is added to the toolbar. Exiting the timeline view, those selected objects are inserted into the Capsule.



## 5 Search

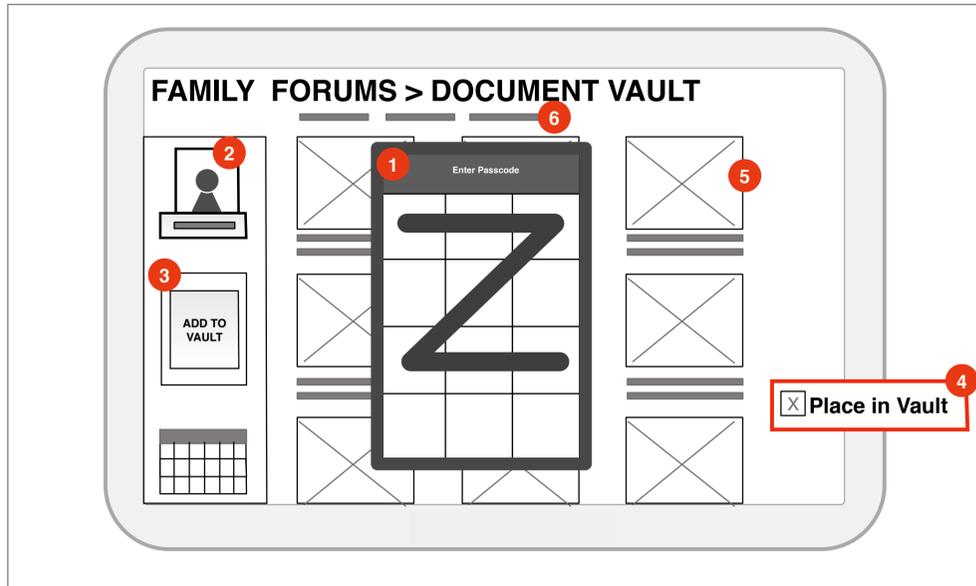
Searching the timeline users can bring up specific archived media by time, filename, or metadata match.

*Time:* Entering a date like June, 2011 would automatically take the user to that location within the timeline.

*Filename:* Searching by 'report card' would filter any images that were taken and labeled "report card".

*User Metadata:* Searching on user names or other attributes would reveal all photo and video files which contain that participant.

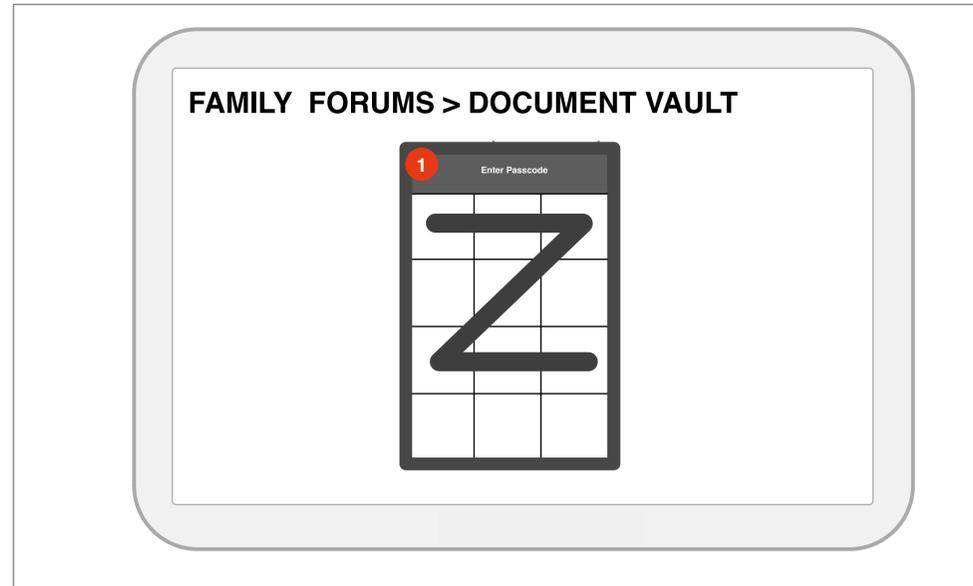
# Document Vault



## Document Vault

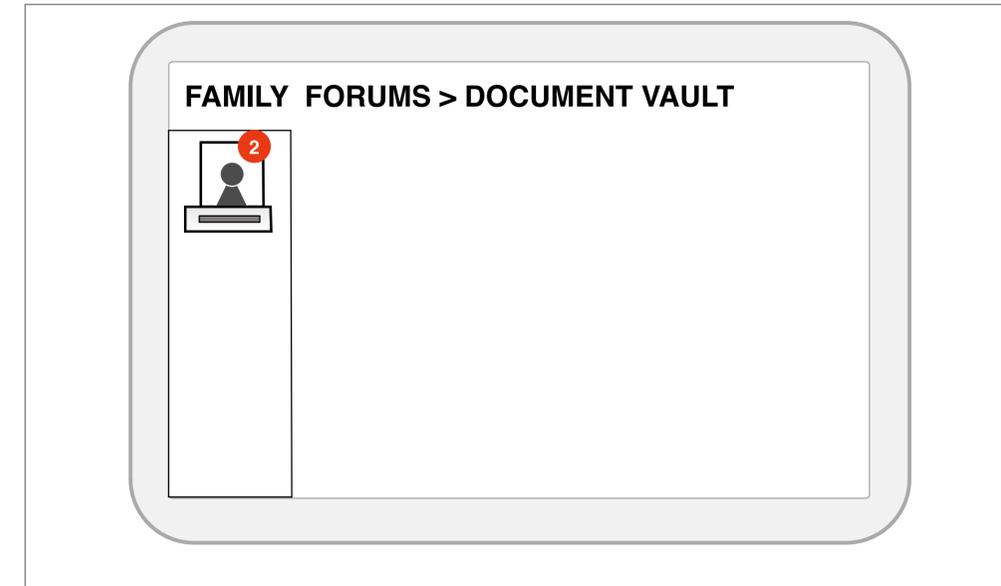
The Document Vault is a protected area where members of the Family can upload, preserve and protect important documents like birth certificate, old photos, etc.

1. Password protected
2. Profile overview
3. Upload
4. Embedded upload function
5. Media Files - Documents or Photos (and sorting functions)
6. Sorting



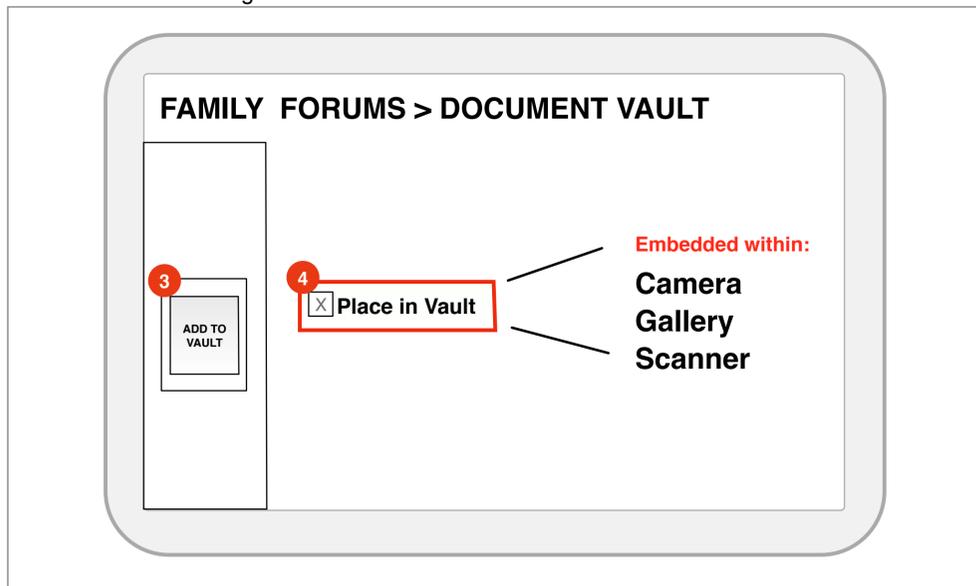
## 1 Password protected

Entering the vault requires users to enter their password. Ensuring safety and protection of the documents and artifacts behind the vault doors, users must be recognized as existing members of the Family Forum. Whether accessing one document or the overview of the whole vault, to enter this protected space, a successful passcode must be entered.



## 2 Profile Overview

After entering into the space the user is recognized positively as a member of the family forum. Their profile and username is displayed with a consistent placement.

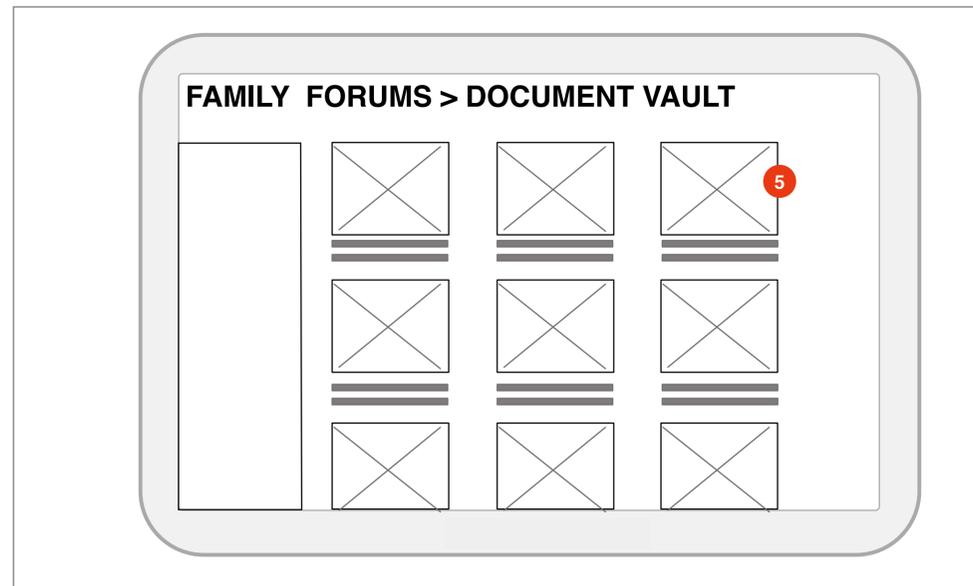


## 3 4 Upload From Current Device or Capture App

Files from a capture device can be added from the capture app or manually. This area allows the user to manually select and upload an image or document file.

*Access to local filesystem:* Selecting through (3) takes users to the Gallery or local system where they can select a file to be added to the Vault.

*Embedded function:* Embedded within the camera, gallery, or scanner applications users can also upload directly after they have taken a photo or scanned an image, or by selecting a file in the gallery and selecting "Place in Vault".

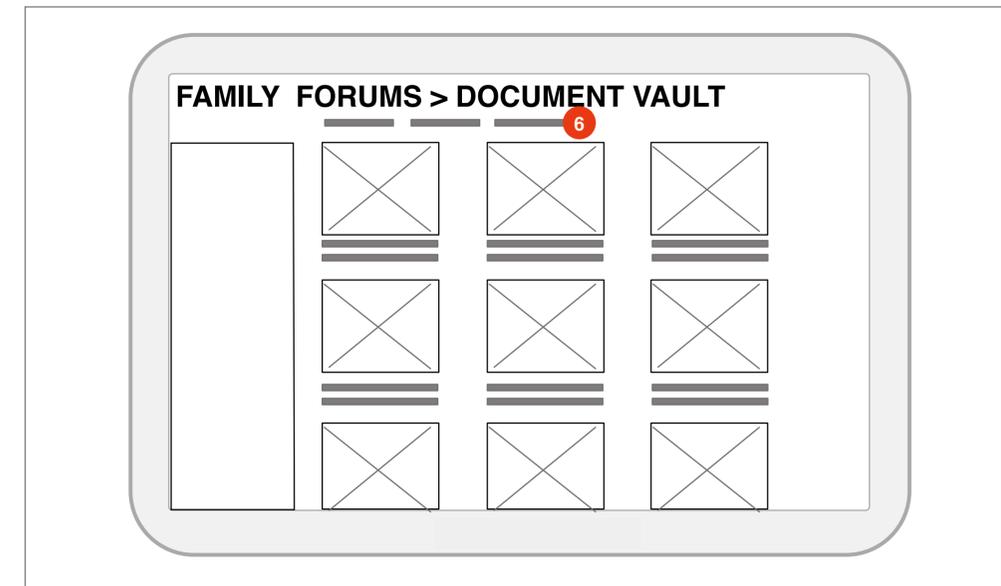


## 5 Posted Media Files - Documents and Photos

The gallery of uploaded photos can be seen in one location, visible to all family members who have successfully logged in. Files contain metadata:

- uploader name
- time/ date
- device of upload
- tags
- comments

*Detail View:* Each document also contains a detail view where users can view a larger view of the document and comment on the file itself.

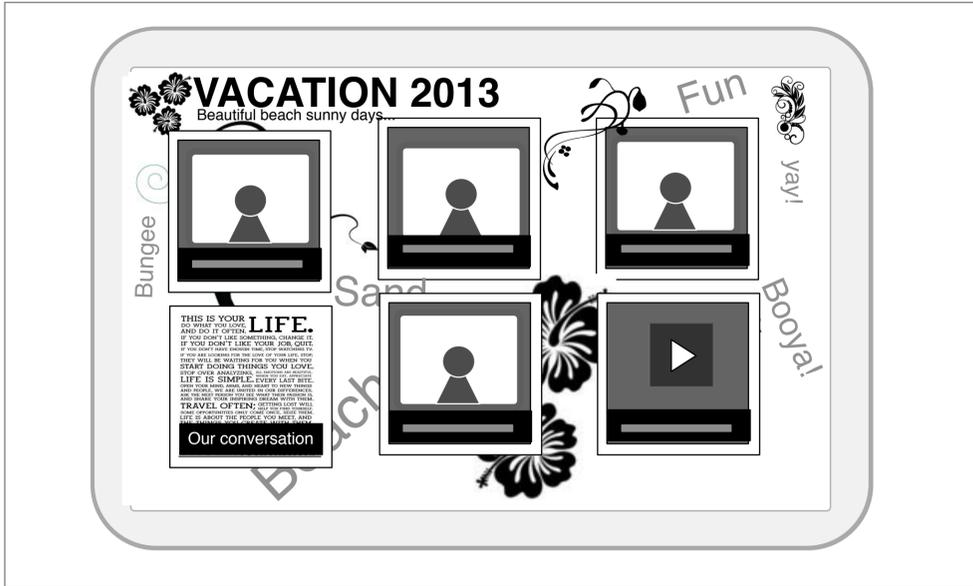


## 6 Sorting functions

The gallery also contains sorting functions to help aid finding and retrieving important documents. Sorts are based on the following parameters:

- time/ date
- uploader name
- tags

# Capsule



## Capsules

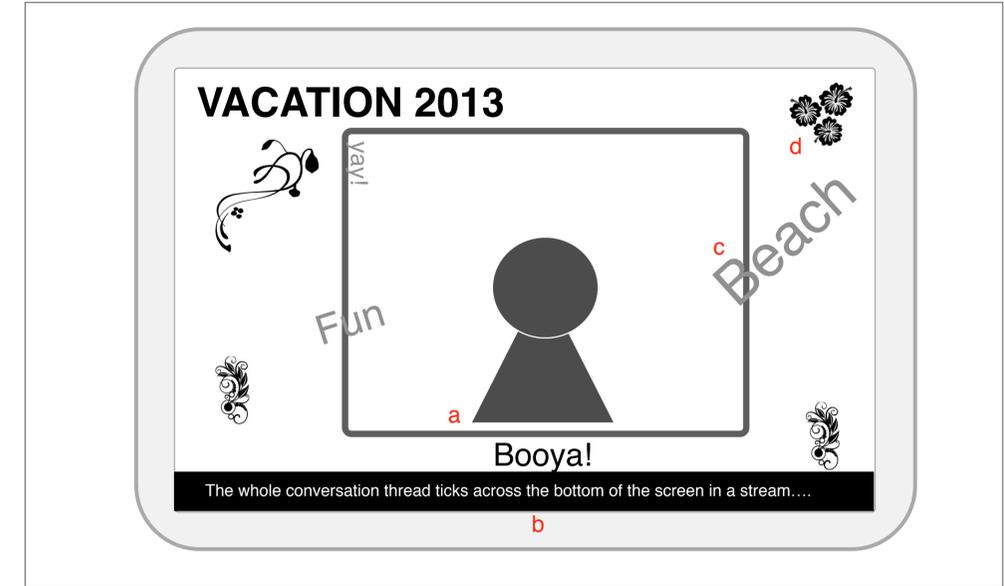
A Capsule is a collection of images, video, and text from Forums. They have two modes:

1. Gallery View
2. Playback Mode
3. Themes
4. Creation



## 1 Gallery View

Gallery view holds all the media files and applies a theme that might consist of things like the most used words in the Forum, Colors, Clip Art, etc. The gallery is the collection of photos, videos, or text. All the conversations from the forum are documented and held in one file. This view is linkable to other media, like a gallery website or even like a wiki.



## 2 Playback Mode

Playback mode is more like the slide show mode. However it is more interactive since we have more types of media.

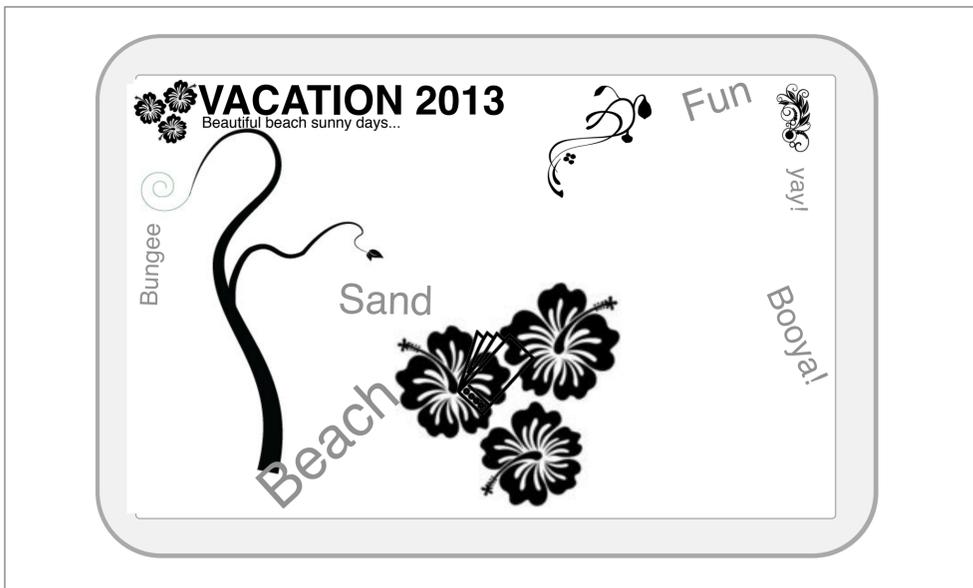
*Photos:* Play like a slide show.

*Forum conversations:* Tick across the bottom.

*Popular Forum Words:* Animate across the whole screen.

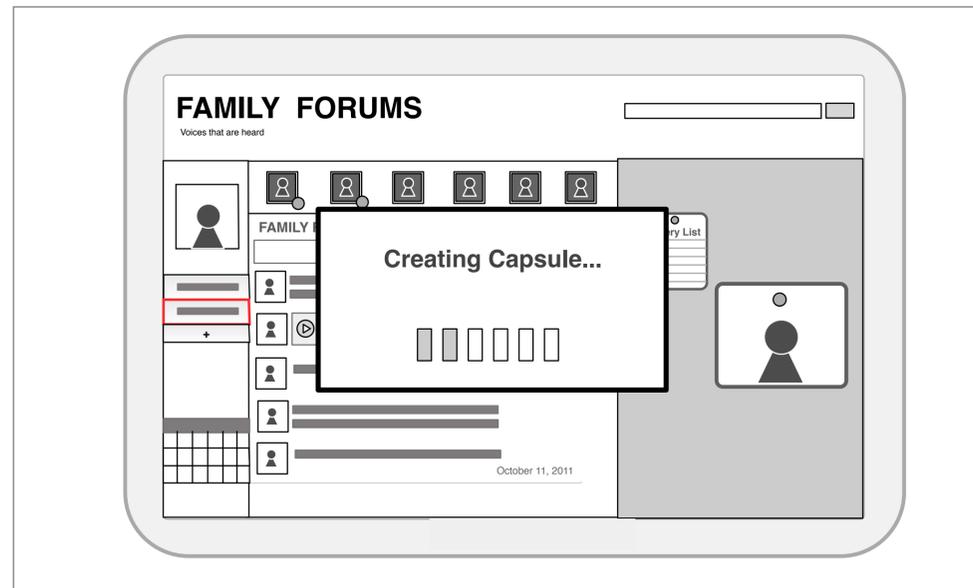
*Video and Audio:* Autostart in succession of photos.

*Theme:* May also animate slightly more like a moving screensaver.



## 3 Themes

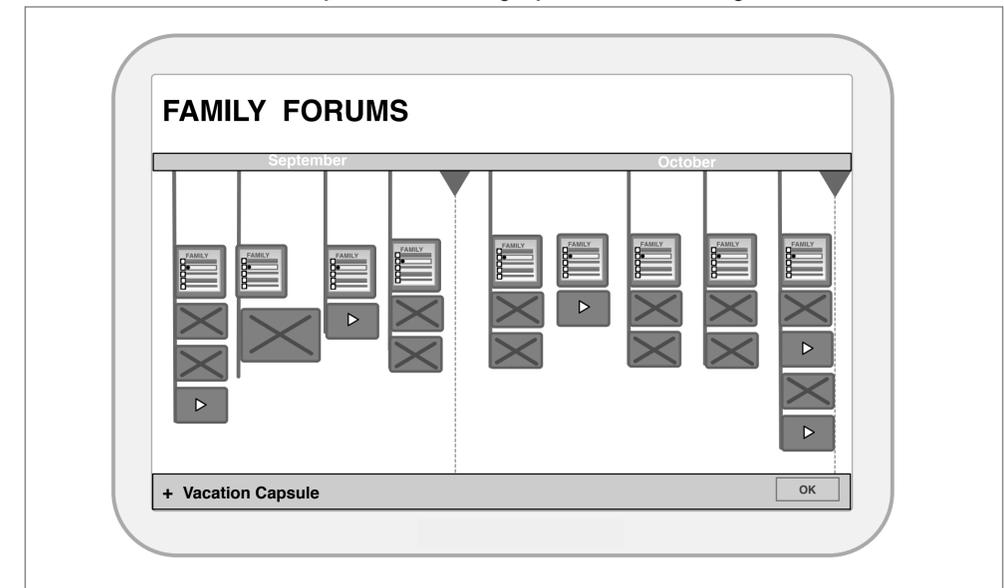
Themes can be applied to any of the galleries. Much like a blog theme, the themes hold color, style, and layout. But, additionally they may add interactive/ animated features, like animating a tag cloud's top 10 words slowly across the playback or choosing the more used word in the forum to act as the background.



## 4 Creating a Capsule

Users can create a capsule by selecting the option from the submenu under the Forum Title. After choosing a theme, they can preview their capsule and then choose to create and publish it.

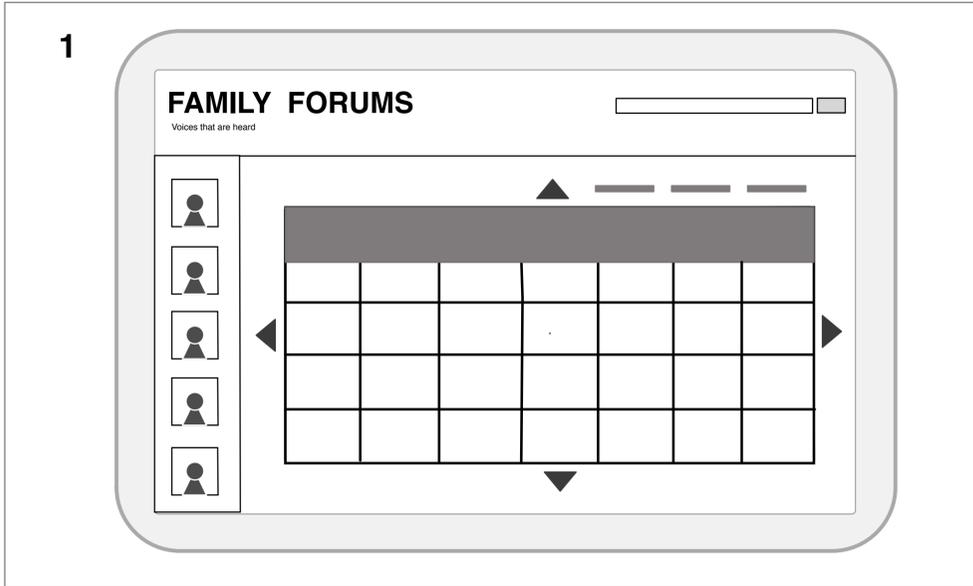
*URL:* Each capsule lives with a unique URL, so that the capsule maybe be easily sharable to family and friends.



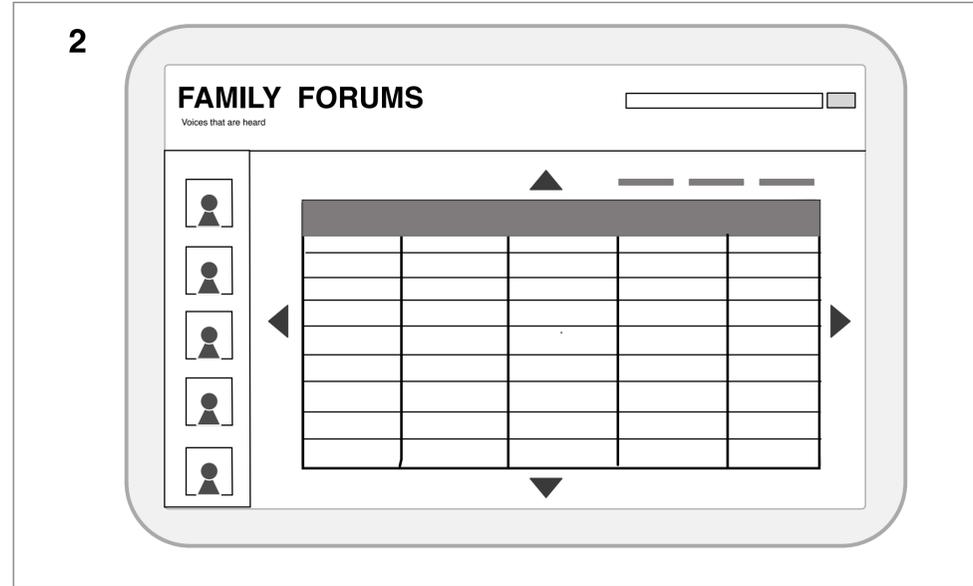
## 5 Adding to a Capsule

By selecting "Add from Timeline", users can choose to add different media from other forums or times to the capsule. Selecting media brings it into the "Add to Capsule Toolbar". By pressing "OK", the media is then inserted into the gallery view of the capsule.

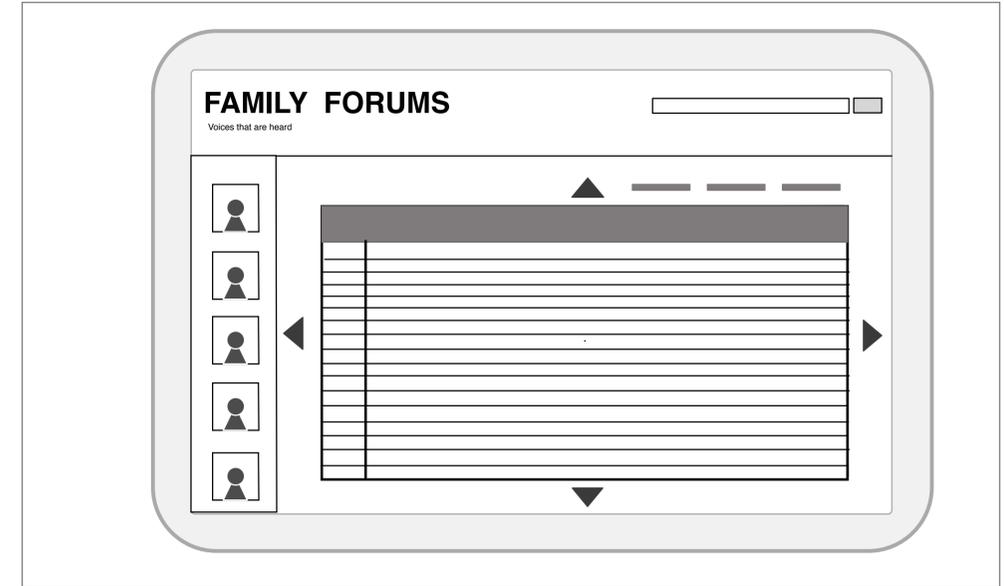
# Calendar



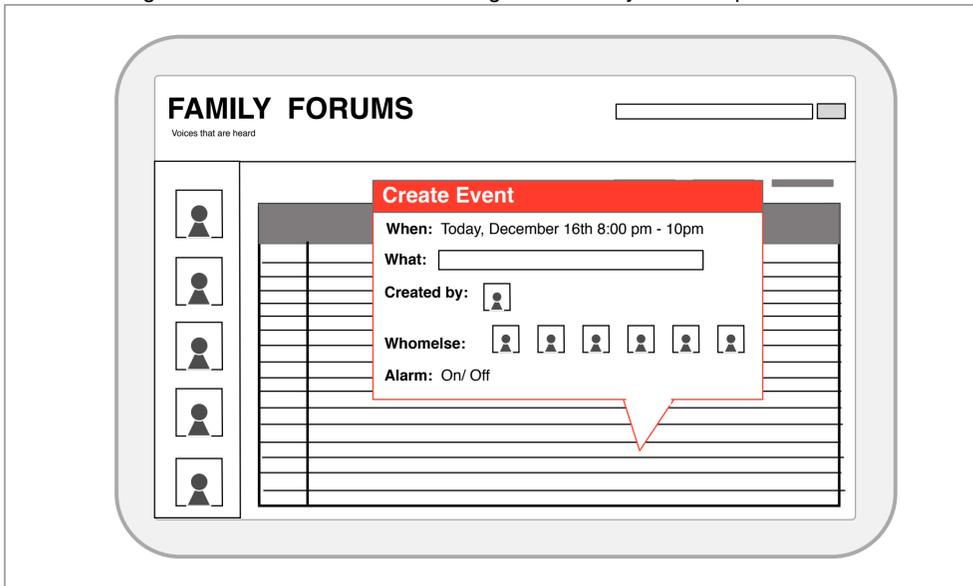
**1 Month View**  
 The first of the three views of the Calendar is the Month View. It gives an overview of the entire month and events.  
*Family members:* Are located to the left and clicking on their icons highlights events which they have created.  
*Scaleable timeline:* Expanding on a traditional calendar, gesturing or scrolling right left would reveal the 12 months in a year sequentially. Scrolling or gesturing up and down, reveals sequential years. Creating a year month grid, users are able to play through the grid using arrows and bi-directional scrolling to locate any future or previous month.



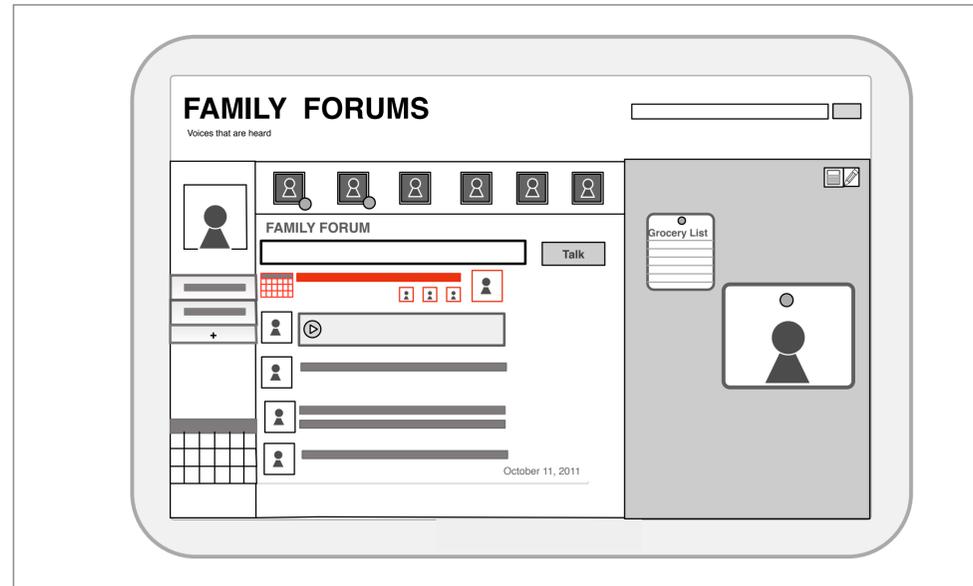
**2 Week View**  
 Shows the entire week at a glance.  
*Scaleable timeline:* In the same way the month view created a navigate able month/ year grid. The week view would show 52 weeks on the left - right axis and infinite future and previous years not he up - down axis. Similarly, users could manipulate the movement of the canvas to locate any future or previous week by using the directional arrows.



**3 Day View**  
 Shows details of the day by hour and 1/2 hour.  
*Scaleable timeline:* The week view shows 7 days of the week horizontally and future and previous (infinite) weeks vertically. Manipulating the grid in either direction, users can locate their desired week.

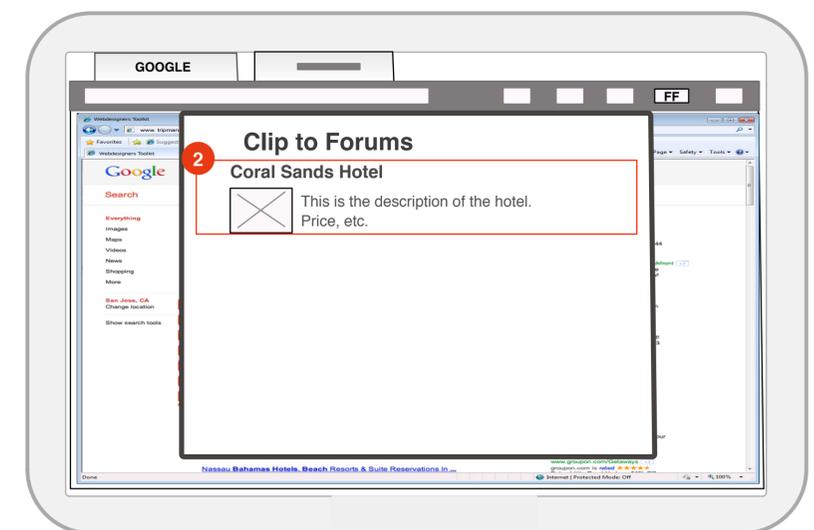
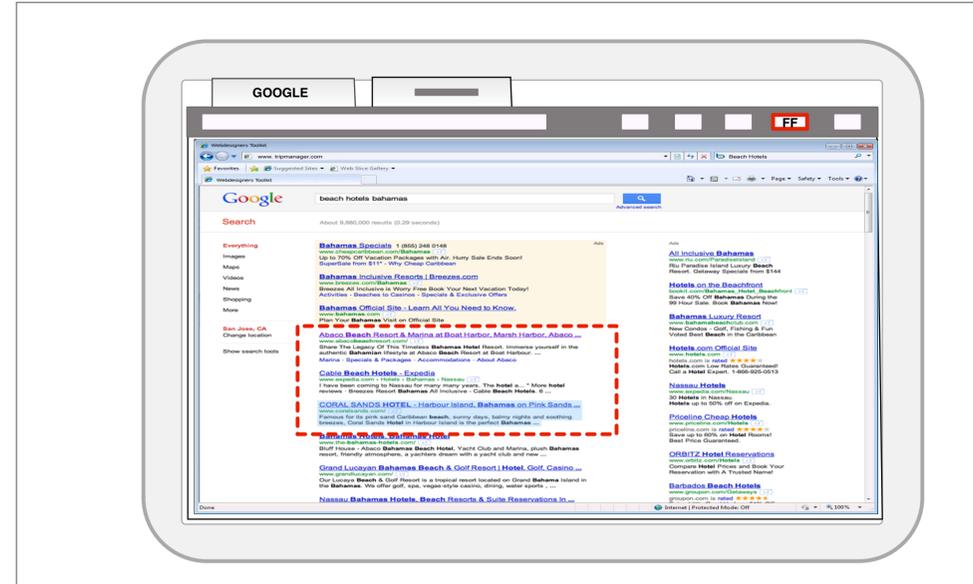
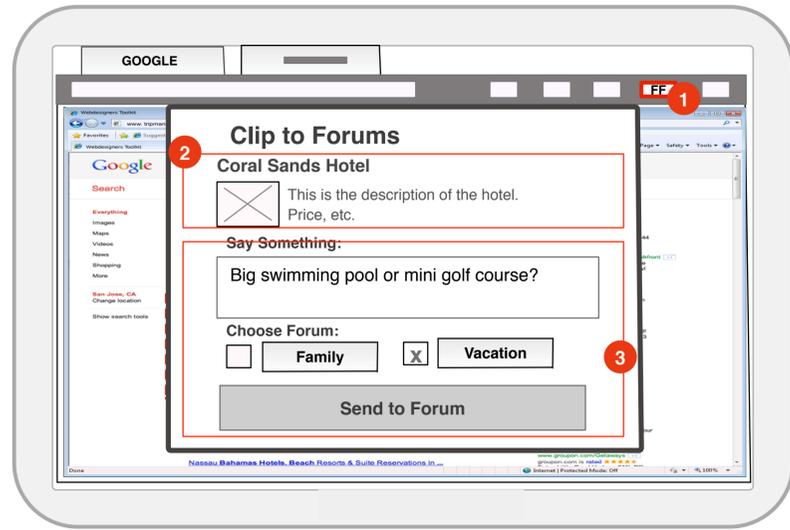


**4 New Event**  
 Creating a new event, the user clicks on the desired time to initiate a pop-up window. Entering the name of the event they then pick whom else will be involved in the event.  
*Author:* The author is the main editor of the event.  
*Others:* Others who are involved in the event are selected and also able to make edits to the event.  
*Alarms:* Alarms are then set to each persons device, who is involved in the event.



**5 Event Entry into Forum**  
 After an event has been created, a line post appears in the Forum. Comments and further discussion are enabled from the Forum post. In the post you see:  
 - Time/ Date  
 - Name of the event  
 - The initial creator and whomever else is involved.  
 - The event also appears on the small thumbnail to the left of the forum.

# Clipping Tool



## The Clipping Tool

The clipping tool is a tool that is embedded into the browser which copies the html from another application and can insert it into the forum. It's main components live in a downloadable tool which lives in the browser.

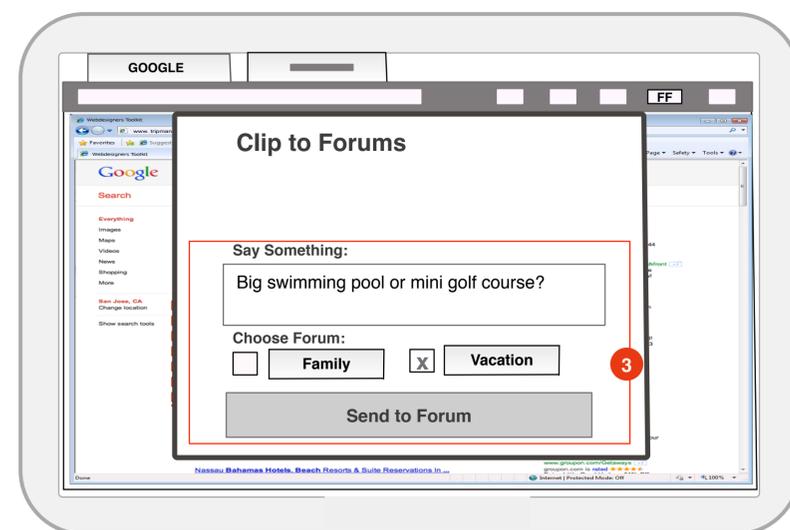
1. Clipping Crosshairs
2. Selection Description
3. Forum Notes
4. Clipping Post

## 1 Clipping Crosshairs

Pressing the clipping tool button, user gets a crosshairs sign where they are able to drag a finger or the mouse over the desired region of the page. An outline marks the region as the user drags the tool around the desired portion.

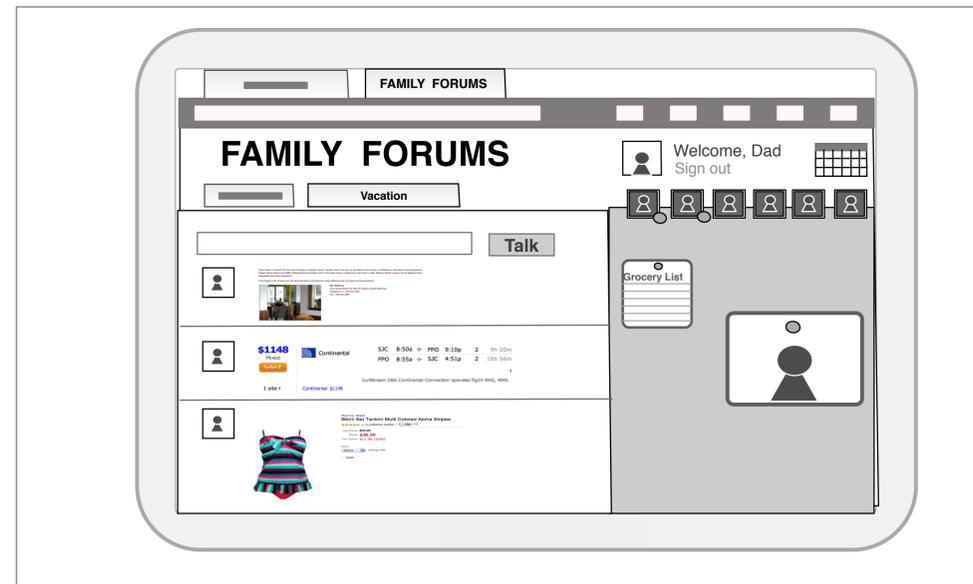
## 2 Selection Description

A dialog appears up on release of the clipping tool. In the dialog is a sample of the desired region.  
*Photos:* Main photo appears in the description region.  
*Descriptive text:* A sample of the descriptive text which accompanies the photo appears next to the photo.



## 3 Forum Notes

The second half of the dialog contains the forum information where to send the clip.  
*Post Text:* User can input text which will be posted along side the clip.  
*Select Forum:* A list of Forums appear, from which the user selects the appropriate one where they would like to insert the clipping.



## 4 Clipping Post

The clipping appears inserted into the correct forum, with the the photo thumbnail and description next to it. The user profile picture and post text lead the post and the clipping information follows.