

HeardMentality.org

High Level Requirements & Design

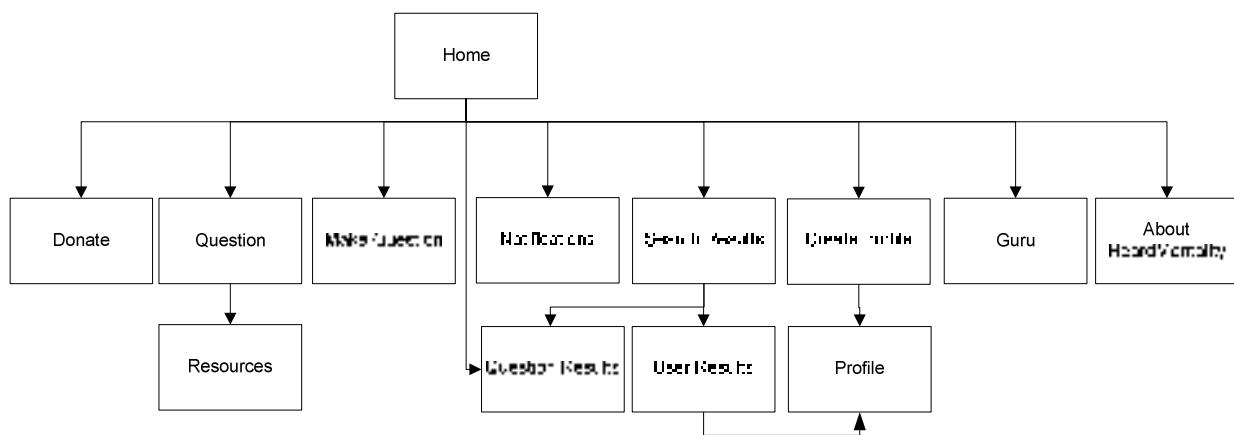
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PAGES

- The pages for this website include panels where different content is loaded into the parent panel (component) and the child panels are dynamically refreshed based on the user selection.
- The panels can be resized and the contents of the panels adjust to the size of the panel.
- The page always loads with the panels with a reset and default frame dimensions (same as Google Wave dimensions).
- Some pages have the dimensions reversed and some pages only have 2 panels. Transitions between these pages will animate the movement of the panel borders to the new pages default dimensions.
- Use the following UI framework: <http://mochaui.com/demo/> or <http://www.joomlicious.com/ext-mootools-adapter/> - <http://drupal.org/project/ext>
- All pages will have a standard header (navigation and login) and footer (Creative Commons, Open Source badges, etc)
- Progress spinner javascript function while page elements reload (lists, question panel)
- Some pages will load as a lightbox above the panels. These pages will be noted.
- Some pages will have popups. Use mochaui popups.

USER



HOME

The screenshot shows the Heard Mentality Home page. At the top, there is a navigation bar with links for Categories, Add a Question, Cloud, Guru, and About. To the right of the navigation bar is a login form with fields for User Name and Password, and a Log in button. Below the navigation bar is a search bar with a Search button and options for Question or User.

On the left side, there is a sidebar with three sections: Top Questions, Hot Questions, and Local. Each section has an 'Enter Text' input field and a '5A' button. The Top Questions section also has a 'Category' dropdown and a 'Sub Category' dropdown.

The main content area contains several panels:

- Panel 1A:** A question panel titled "Random Question (or selected question from left)?". It shows two answer options: Answer 1 and Answer 2. Below the answers is a chart showing the distribution of responses: Answer 1 is 43% and Answer 2 is 57%. The panel also displays 104 comments and 8 posted resources.
- Panel 1B:** A filter panel with tabs for Stage, Over Time, and By Area. It includes filters for Gender, Age, and Other.
- Panel 1C:** A map of the world showing user locations. Below the map are statistics: XXX Users Worldwide, XXX Questions, and XXX Answers.
- Panel 7:** A news panel titled "News" with a count of 7 notifications.
- Panel 12:** A news panel with a count of 12 notifications.

- URL: www.heardmentality.org (redirect www.heardmentality.com)
- User can dynamically refine lists by category, When category is chosen, subcategory becomes enabled and loads dynamically
- Map of User Locations and User Count, Question Count and Answers. Zoom into Google map (top right)
- If the user is logged in subset of notifications displays in the bottom right. If clicked on notification item, go to notification page.
 - Display notification origin and notification text (no user pic)
- If not logged in, then Heard Mentality news (i.e. any article or blog posted by the admin – internal or external link)
- When clicking on question in lists, it will dynamically load the center question panel.

QUESTION SEARCH RESULTS

The screenshot shows a web application interface for 'QUESTION SEARCH RESULTS'. At the top, there's a navigation bar with links for 'Categories', 'Add a Question', 'Cloud', 'Guru', 'About', and a login section for 'User Name' and 'Password'. Below the navigation is a search bar with 'Search' and 'Question/User' buttons.

Left Panel: A sidebar titled 'Refine By' contains dropdown menus for 'Categories(1)' and 'Tags(1)'. Under 'Categories(1)', there are five question cards, each with a title like 'Question goes here. This could be a longer question that wraps around?', three answer options ('Answer 1', 'Answer 2', 'Answer 3'), and a 'Votes' and 'Posts' summary. Under 'Tags(1)', there are also five similar question cards.

Right Panel: A large panel on the right displays a chart titled '1A - Top Recall (a selected question "wraps around")?' showing trends over time. The chart includes a legend for 'Answer 1' and 'Answer 2'. Below the chart, it says '104 comments' and '8 people viewed this'.

- URL: search.heardmentality.org/search+terms
- Dynamically load question panel on question selection
- The Search Results panel will continue beyond the bottom of the page, and the two panels on either side will slide down with the rest of the page.
- This will be the same behavior as if the user selects a category from the drop down. The user can then continually narrow.
- User is directed to this page after a Question Search or by selecting a Category or Subcategory from the Category page.

ABOUT HEARDMENTALITY

- URL: about.heardmentality.org/page
- Lightbox
- Static pages with info to be provided
 - About
 - Question and Answer Guidelines
 - Badges and Points and Privileges
 - FAQ
 - Thanks and Donate

DONATE

- URL: donate.heardmentality.org
- Lightbox
- Copy Wikipedia: http://wikimediafoundation.org/wiki/Support_Wikipedia/en

- Show

QUESTION

The screenshot shows a web-based application interface for a question. At the top, there is a navigation bar with links for 'Categories', 'add a Question', 'Cloud', 'Guru', and 'About'. To the right of the navigation bar are fields for 'User Name' and 'Password' with a 'Log in' button. Below the navigation bar is a search bar with a 'Search' button and options for 'Question' or 'User'. A large central area contains a question text box labeled 'The Question?' with a note about exceeding character limits. Below the text box are several numbered callouts: '2' (radio buttons for Answer 1 or 2), '1A' (Share / Save button), '6A' (link to suggested questions), '2B', '2C', '2D', '2E', '2F', and '2G' (all labeled 'Tags'). Below these is a horizontal menu bar with tabs: 'Reporting' (selected), 'Forum', 'Resources', 'Gurus', 'Info', 'Politician', and 'Raw Data'. The main content area features a world map with colored dots representing data points. A legend on the right side of the map indicates 'Answer 1' (blue square) and 'Answer 2' (green square). The bottom right corner of the main content area has a section titled 'Suggested Questions'.

- URL: question.heardmentality.org/questiontext

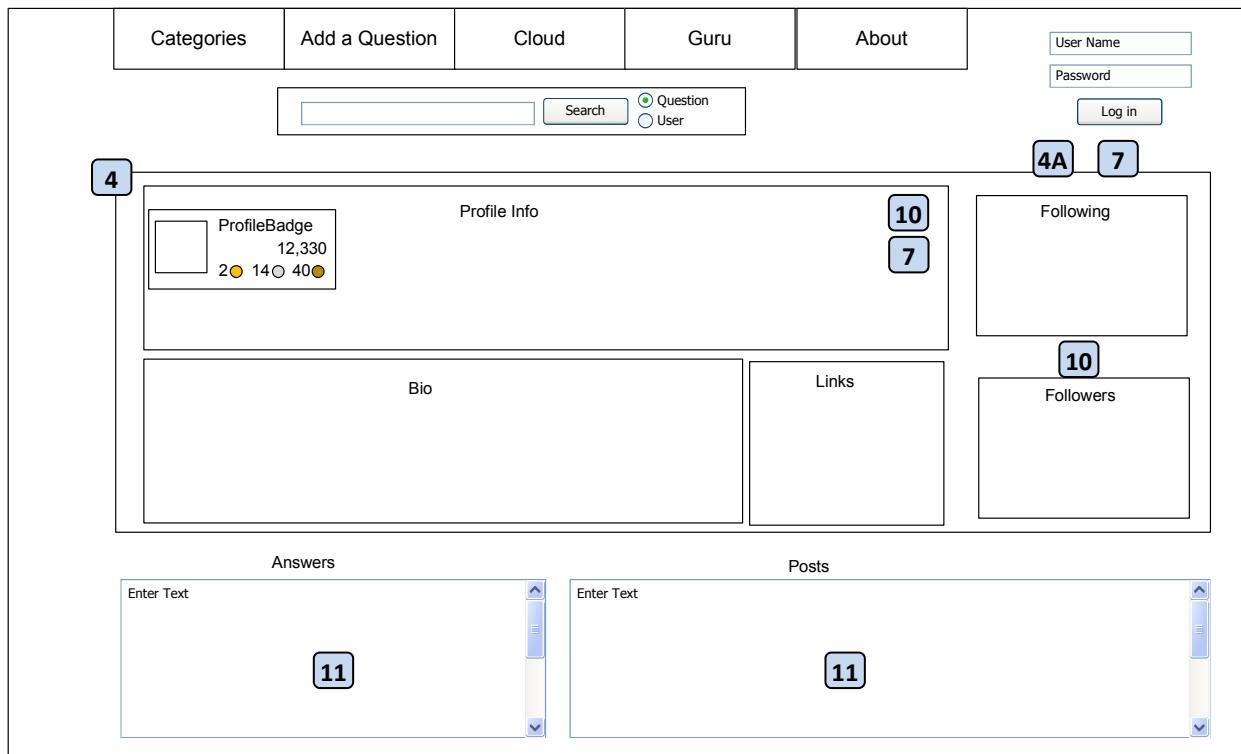
MAKE QUESTION

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Categories | Add a Question | Cloud | Guru | About | User Name Password Log in |
| <input type="text"/> Search <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | |
| <div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;"> <div style="display: flex; justify-content: space-between;"> 3 Question <input type="text" value="Enter Text"/> </div> <div style="display: flex; justify-content: space-between;"> Context <input type="text" value="Enter Text"/> </div> <div style="display: flex; justify-content: space-between;"> Answer <input type="text" value="Enter Text"/> Category <input type="text" value=""/> </div> <div style="display: flex; justify-content: space-between;"> Answer <input type="text" value="Enter Text"/> Sub Category <input type="text" value=""/> </div> <div style="display: flex; justify-content: space-between;"> Answer <input type="text" value="Enter Text"/> Sub Sub Category <input type="text" value=""/> </div> <div style="display: flex; justify-content: space-around;"> <input type="text" value="Global"/> <input type="text" value="Country"/> <input type="text" value="State"/> <input type="text" value="City"/> </div> <div style="display: flex; justify-content: space-between;"> End Date <input type="text" value="Enter Text"/> <input type="button" value="Save"/> </div> </div> | | | | | <div style="border: 1px solid #ccc; padding: 10px; background-color: #f0f0f0;"> 6B Suggested Tags and then select </div> |

- URL: new.heardmentality.org
- This should maybe be done as a wizard
- Look for dupe questions after first screen (i.e. question and answers), if identified as dupe and user continues, flag for double check by admin with accompanying suspected dupes.
- Allow users to enter the required question fields and enable make question use case.

| | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Question | Text entry of the question |
| Context | Any more descriptive text. Not required. |
| Answers | Each possible answer. 2 required |
| Categories | Starting from left, user selects top level categories, and the next list populates with sub categories etc. Multiple select is allowed. |
| Regions | Starting from left, user selects top level region (NA, Asia, EU,etc) and the next list populates with sub categories etc. Region will include all lower levels if non selected. (i.e if USA is region then all states under are associated) |
| Restrictions | End Date. Others? |
| Suggested Tags | This will suggest tags based on key words in question, context and answer crossed with other tags in selected categories (if possible). User then clicks on the tag to activate the tag and can then click off. |

PROFILE



- URL: search.heardmentality.org/profile/username
- Display all known attributes
- Display all questions created
- Display all questions answered
- Display Following
- Display Followers
- If user clicks on Follower or Followee boxes, then load the follow list into the Profile Search Results page.
- Enable profile privacy (i.e. hide fields if user doesn't want to share)
- Button or Link to take the user to his notification page

CREATE PROFILE

- URL: profile.heardmentality.org
- Enable Create Profile use case
- Basic form with all profile fields
- Users can choose to hide whatever they want – anonymity (i.e. hide fields if user doesn't want to share)
- Check uniqueness of the username immediately after entering it.
- When postal/zipcode is entered, populate the rest of the region data.
- Updates to profile are done here too

USER SEARCH RESULTS

The wireframe illustrates the layout of the User Search Results page. At the top, there is a navigation bar with links for Categories, Add a Question, Cloud, Guru, and About. To the right of the navigation are input fields for User Name and Password, and a Log in button. Below the navigation is a search bar with a Search button and radio buttons for Question and User. The main content area starts with a 'Refine By' section labeled 8B, which includes a 'Categories(1)' dropdown. To the right is a large 'Search results' panel. Further right is a 'Profile Info' section containing a 'Pic' placeholder, a count of 4, and buttons for 7 and 10. Below the profile info are 'Bio' and 'Links' sections. At the bottom are 'Followers' and 'Following' sections, each with a count of 10.

- URL: `search.heardmentality.org/user+search+terms`
- When Profile is selected, dynamically load the profile in the right panel.
- The Location refinement dropdowns are dynamic and live in a separate panel

NOTIFICATION

The screenshot shows the Heard Mentality notification interface. On the left, there is a vertical list of notifications:

- 7** Question goes here. THIS COULD BE A longer QUESTION THAT WRAPS AROUND?
- 1** Question goes here. THIS COULD BE A longer QUESTION THAT WRAPS AROUND?
- 1A** Random Question (or someone else's from last?)?
- 1B** Answer1 43%
Answer2 57%
- 10**
- 6C**
- 104 comments**
- 8.000000000000000E+000**
- Email Subject Test**
- IS NOW FOLLOWING YOU**

At the bottom of the left panel are two buttons: **Clear** and **Reply**.

On the right side, there is a search bar with **Search** and **Question** and **User** buttons. Below the search bar is a login form with **User Name**, **Password**, and **Log in** buttons.

The middle panel displays a detailed view of the notification labeled **1A**. It includes a title, a list of answers, a chart showing the distribution of answers (Answer1: 43%, Answer2: 57%), and statistics for comments and views.

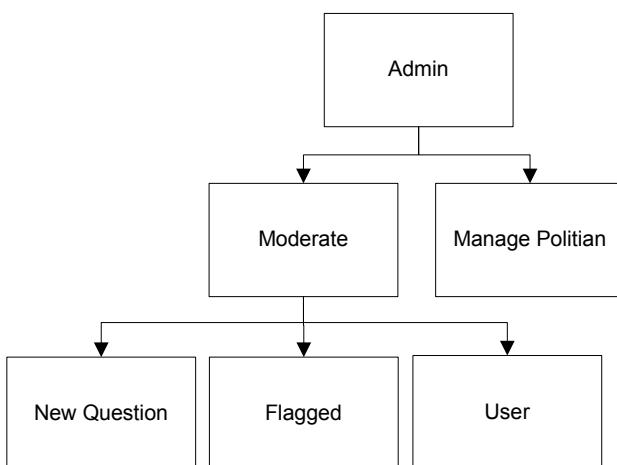
- URL: notify.heardmentality.org/username
- User is directed to the Notification page either from the Home Page (click on Notification – bottom right) or from a link on the user's Profile page (for both the user must be logged in)
- When the user selects a notification on the left, the source node of the notification is loaded in the middle panel
- If user votes or clears the notifications, then remove the notification from the list
- If user selects reply, then launch internal email/message popup.

GURU

| | | | | | |
|--------------------------------------------------------------------------------------------------|------------------------------|----------------------|-------|-----------------|---------------------------------|
| Categories | Profile Giver | Cloud | Guru | About | User Name Password Log in |
| <input type="text"/> Search <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | |
| Category Enter Text 5C | Sub Category Pic 4 | Profile Info 7 10 | | Following 10 | Followers |
| | | Bio | Links | | |
| History 11 | | | | | |

- URL: guru.heardmentality.org
- User can refine list box on the right to find guru by category/subcategory.
- When the user name is selected in the list on the left, the right side of the page is dynamically loaded.

ADMIN



MODERATE NEW QUESTION

- URL: moderate.heardmentality.org
- When page loads, load the top item in the list on the left in the panel on the left
- If user presses Approve, then remove the question from the list and load the following question.
- If user presses Reject, then remove the question from the list and delete the question from the database and load a message box to send message author a message/email. Then load the next question in the list in the panel on the right.
- If user modifies the question in the right panel and presses save modification, then save the changes to the question, remove the question from the list, load a message box to send message author a message/email and then move to the next question on the list.
- If user presses the Possible Dupe link, pop with possible duplicate questions.

MODERATE FLAGGED

The screenshot shows a user interface for moderating flagged items. On the left, there is a vertical list of flagged items with teasers. On the right, there is a form for viewing and modifying a specific flagged item. A blue-bordered modal window titled 'Flag Message' is open, containing a text area for explaining why the question was flagged.

| Category | Action | Count |
|--------------|--------|-------|
| New (35) | | |
| Flagged (12) | | |
| User (3) | | |

Left Panel (List of Flagged Items):

- Question goes here. This could be a longer question that wraps around?
- Forum Posting Teaser would go here and then when you run out of space....
- Question goes here. This could be a longer question that wraps around?
- Forum Posting Teaser would go here and then when you run out of space....
- Question goes here. This could be a longer question that wraps around?
- Forum Posting Teaser would go here and then when you run out of space....
- Question goes here. This could be a longer question that wraps around?
- Forum Posting Teaser would go here and then when you run out of space....

Right Panel (Item Details):

5E 2A 2B 3

Search Question User

Question: Enter Text

Context: Enter Text

Answer: Enter Text

Category: [empty]

Sub Category: [empty]

Sub Sub Category: [empty]

Country: [empty]

State: [empty]

City: [empty]

End Date: Enter Text

Save Modifications

Ignore Reject

Flag Message Modal:

In here would go the text that the user who flagged the question would input that explains why he flagged the question

- URL: moderate.heardmentality.org
- When page loads, load the top item in the list on the left in the panel on the left
- When the item on the left loads, then popup with Flag Message.
- If user presses Ignore, then remove the question from the list and load the following question.
- If user presses Reject, then remove the item from the list and delete the node from the database and load a message box to send message author a message/email. Then load the next item in the list in the panel on the right.
- Display all flags in a chronological list that hyperlinks to each task

MODERATE USER

The screenshot shows a user interface for moderating user posts. On the left, there is a vertical list of items, each labeled 'User Name'. In the top-left corner of this list, there is a small box containing the number '5F'. Above the list, there are buttons for 'New (35)', 'Flagged (12)', and a dropdown menu. To the right of the list is a large blue rectangular area labeled '11' at the top center. This area contains a search bar with a 'Search' button, three numbered boxes ('2A', '2B', '3') with arrows pointing to them, and a 'Log in' button. Below these are several input fields: 'Question' (with placeholder 'Enter Text'), 'Context' (with placeholder 'Enter Text'), and four 'Answer' fields (each with placeholder 'Enter Text'). To the right of these are three dropdown menus: 'Category', 'Sub Category', and 'Sub Sub Category'. Below these is a 'Add Answer' button. At the bottom of this section are four more dropdown menus: 'Global', 'Country', 'State', and 'City'. At the very bottom of the blue area are buttons for 'Ignore' and 'Block'. To the right of the blue area is a white panel with an 'End Date' field (placeholder 'Enter Text'). The entire interface is framed by a light gray border.

- URL: moderate.heardmentality.org
- When page loads, load the top item in the list on the two panels on the left.
- When the user selects an item from the History (in the middle panel), then load the node in the panel on the far left.
- If user presses Ignore, then remove the question from the list and load the following question.
- If user presses Block, then remove the item from the list, and block the user from logging in to the site. On attempted login, advise the account is blocked for X days. Then load the next item in the list in the panel on the right.
- If user presses the Warning button, launch a message box to send the user a warning message.

MANAGE POLITICIAN

- Ability to create dummy users that have the profile type of Politician (other profile type is regular) – A feature automate this from the RSS feeds might be nice but not required.
- Ability to assign real votes in Congress that the “Real” Politician made on a bill. Ideally this would be automated by the RSS feed that contains the vote (see [RSS Feeds](#))
- Ability to merge the “Real” Politician with the Dummy Politician user. This occurs when the “Real” Politician becomes a user of Heard Mentality. The merging and verification that this is really the Politician will be a manual process by the admin.
- If the Politician has merged his account, then his votes will be displayed in the Politician tab of the Full Question component.

COMPONENTS

- Components are page blocks or panels on a page similar to how Google Wave has different panels.
- A page is composed of multiple components.
- The components can be reused on multiple pages.

HEADER

| Description | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <ul style="list-style-type: none">• Header of each page• Contains the following elements:<ul style="list-style-type: none">○ Navigation Buttons:<ul style="list-style-type: none">■ Home■ Categories<ul style="list-style-type: none">• Second Level Navigation dropdown of Category names■ Add a Question■ Guru■ Cloud (maybe)■ About<ul style="list-style-type: none">• Second Level Navigation dropdown■ Moderate (for Moderators)○ User Credentials<ul style="list-style-type: none">■ If anonymous user – show OpenID sign in■ If logged in, show username and display notification alert (and maybe wave updates alert) and privacy○ Search<ul style="list-style-type: none">■ Profile or Question Radio Buttons■ With suggest – suggest will be populated with index of question, categories and tags○ Website Tour Button - http://amberjack.org/○ Logo (link to home) | |
| Interactions | |
| Home | |
| Question Search Results | Load form Category and Search |
| Profile Search Results | |
| About | |
| Notifications | |
| Profile | |
| Categories | Store in Search Suggest |
| Question | Store in Search Suggest |
| Tags | Store in Search Suggest |
| Mockup | |
| | |

| | | | | | | | |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------|------|----------------------------------------------------------------------------------------------------------|--------|
|  | Home | Categories | Add a Question | Cloud | Guru | About | tour ? |
| | <input type="text"/> <input type="button" value="Search"/> <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | <input type="text"/> User Name <input type="text"/> Password <input type="button" value="Log in"/> | |

| | | | | | | | | |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------|----------------|---------|----------------|----------------------------------------------------------------------------------------------------------|--------|----------|
|  | Home | Categories | Add a Question | Cloud | Guru | About | tour ? | |
| | Politics | Law | Business | Society | Current Events | Environment | Health | Regional |
| | <input type="text"/> <input type="button" value="Search"/> <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | <input type="text"/> User Name <input type="text"/> Password <input type="button" value="Log in"/> | | |

| | | | | | | | |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------|------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Home | Categories | Add a Question | Cloud | Guru | About | tour ? |
| | <input type="text"/> <input type="button" value="Search"/> <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | Hi Tony | 12  Privacy  |

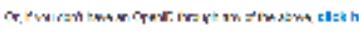
| | | | | | | | | |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------|------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|  | Home | Categories | Add a Question | Cloud | Guru | About | Moderate | tour ? |
| | <input type="text"/> <input type="button" value="Search"/> <input checked="" type="radio"/> Question <input type="radio"/> User | | | | | Hi Tony | 12  Privacy  | |

Dimensions TBD

Constructors

Always

Methods

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Login | OpenID...copy: http://stackoverflow.com/users/login?returnurl=/    Lightbox |
| Privacy | |

1 QUESTION LITE

| Description |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> Basic display of question and possible answers Contains answers as radio buttons Randomize the order of Possible Answers Displays count of total answers and total forum posts |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Can be implemented as a mashup (iframe in external site) and iGoogle | |
| Interactions | |
| Reports | For each instance of question, create Reports |
| Question Full | When Question Text is selected, Construct Question Full |
| Mockup | |
| <p>Question Text?</p> <p>Share / Save</p> <p>104 Comments 8 Resources</p> <p>***Question Text Loads into the Header of the panel</p> | |
| Inheritance | |
| Voting API | http://drupal.org/project/votingapi |
| Translate API | http://code.google.com/intl/en/apis/ajaxlanguage/ |
| Embed widgets | http://drupal.org/project/embed_widgets |
| ArrayShift | http://drupal.org/project/arrayshift |
| Fields | |
| QuestionText | Basic question text |
| PossibleAnswers | Text for the radio button answers (>2) |
| Constructors | |
| Home Page | When the home page loads |
| Question Search Results | When a question is selected from the search results |
| Notification | When a notification is selected from the notification list |
| Methods | |
| DetermineUserAnswer(UserID) | Finds the users previous answer or null and then set the radio button to the value |
| ConstructFullQuestion(QuestionID,SectionOfQ) | Build the full question – open Full |
| AnswerQuestion(Answer, UserID, QuestionID) | User selects radio button, store in DB |
| ChangeAnswer(Answer, UserID, QuestionID) | User changes previous answer store new entry in the DB Flag the previous answer as changes |
| WithdrawAnswer() | Remove the users previous answer Flag the previous answer as changed |
| GetTranslated(QuestionText, Answers) | Translate text into user language |
| VoteUpDown() | |
| SocialBookmark() | |
| Invite() | |
| SuggestAnswer() | Display all other suggested answers with the option to vote for already suggested answer, or to enter free text of a new suggested answer. Remember and display the user's previous suggested answer. |

| | |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Do not allow the user to answer a question if he has suggested a new answer. Allow user to change the answer. When the suggested answer votes reaches X% of the total answers, then suggested answer becomes an answer with all of the votes associated. Send a notification to those suggesting and question author. |
| CreateMashup() | Similar to Google Maps, allow user to generate a link to a mashup of the question. Maybe allow custom sizing and style sheets |

1A ACTIONS DROPDOWN

The following actions are available from a small drop down menu:

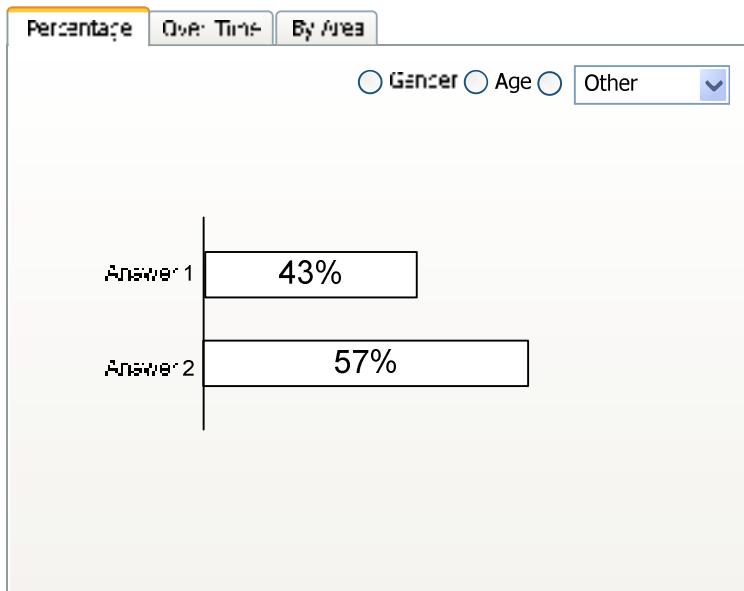
1. **Withdraw answer:** Remove the users answer. Not visible if the user has not voted on this question
2. **Invite:** See [Invite](#) below
3. **Flag:** See [Flag](#) below
4. **Suggest New Answer:** Display all other suggested answers with the option to vote for already suggested answer, or to enter free text of a new suggested answer. Remember and display the user's previous suggested answer. Do not allow the user to answer a question if he has suggested a new answer. Allow user to change the answer. When the suggested answer votes reaches X% of the total answers, then suggested answer becomes an answer with all of the votes associated. Send a notification to those suggesting and question author.
5. **Create Mashup:** Similar to Google Maps, allow user to generate a link to a mashup of the question. Maybe allow custom sizing and style sheets.

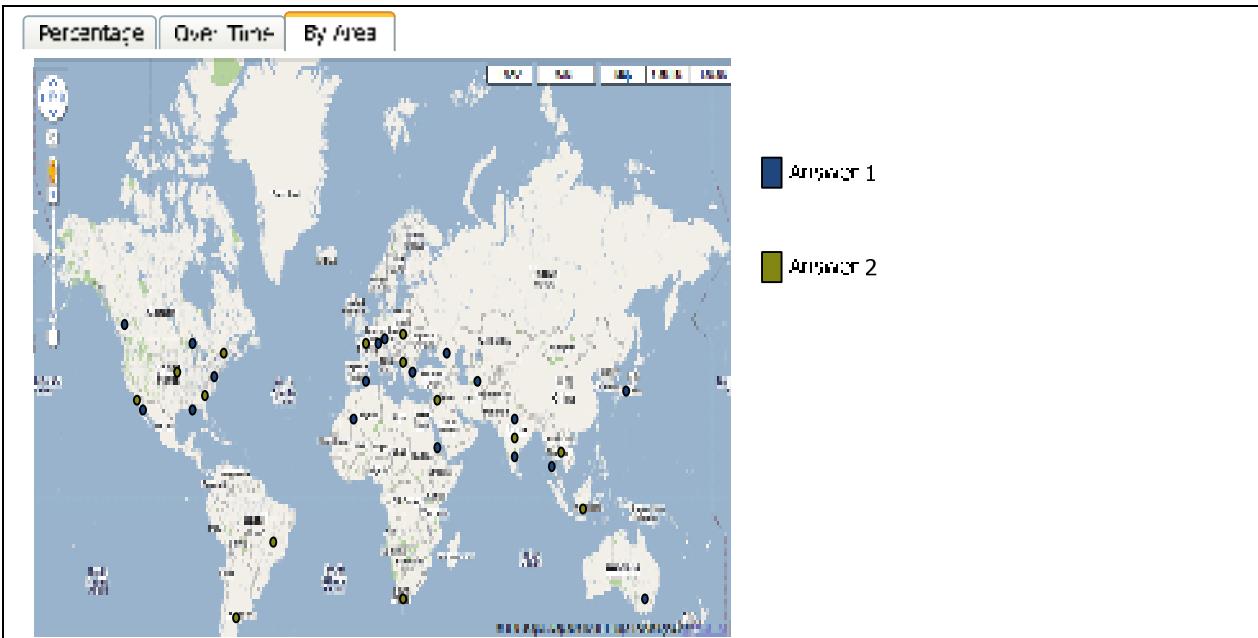
This will be implemented as a button on the footer of a panel where click will open a drop down

1B REPORTS

| Description | | |
|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| There are 3 different reports/charts available displayed on separate tabs: | | |
| Tab | Description | Refinements |
| Percentage | Bar Chart: Shows as a percent of. When refined, shades are created within the bar to show internal percentages. Only one refinement possible | Gender, Age, Religion, Ethnicity, Slant, |
| Time Sequence | Line Chart: Showing the number of votes over time for each answer of the question. Scale the time axis (X axis) to fill the space. If new answers are added to the question while active, should still work. Net votes, therefore if someone changes their answer, then it subtracts from one and adds to the other. | None |
| By Area | Map: Map showing points on map where votes came from. Google Maps API could be really cool here! | User can hide answers. User can drill down as far as possible into the map. |
| Interactions | | |
| Question | Get user answers from question | |

Mockup





Legend will load when refinements are chosen. Display refinement info. Line Graphs use same colors for each answer. Unknown user refinement required (i.e. user has not completed the profile attribute)

Tabs load into the Header of the panel

| Inheritance | |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bar Chart | http://code.google.com/intl/en/apis/visualization/documentation/gallery/barchart.html |
| Line Chart | http://code.google.com/intl/en/apis/visualization/documentation/gallery/annotatedtimeline.html |
| Map | http://code.google.com/intl/en/apis/visualization/documentation/gallery/map.html |
| Fields | |
| AnswerID | ID of the Possible Answer |
| AnswerText | Text of the Possible Answer |
| UserAnswers | AnswerID of the all User's Answer/Vote |
| AnswerTimeStamp | Time stamp of the User's Answer/Vote |
| DOB | DOB of the User |
| Gender | Gender of the User |
| Zip/Postal Code | Zip/Postal Code of the User |
| Religion | Religion of the User |
| Ethnicity | Ethnicity of the User |
| Slant | Slant of the User |
| IPAddress | IP Address where vote came from |
| Changed | Flag to indicate if the users has changed this answer. Used for counting |
| Constructors | |
| Question | When the question loads, build the reports |
| Methods | |
| RefineResults | For the bar chart, ability to refine by user profile traits – API |

| | |
|-----------------|-------------------------------------------------------|
| AdjustTimeRange | For the line chart, ability to refine time – API |
| ZoomMap | Ability to use Google Maps zoom functionality |
| LightBox | Open the reports as a LightBox (or Maybe a popup TBD) |

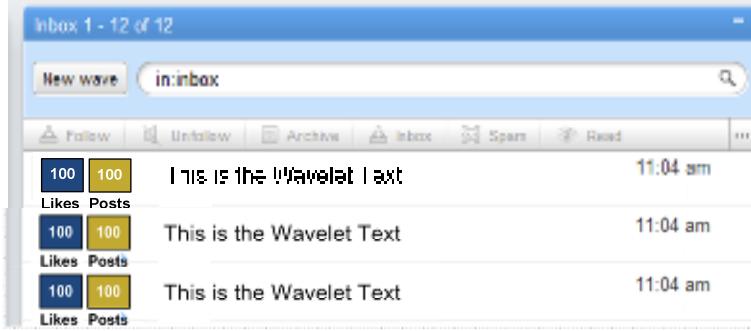
2 QUESTION FULL

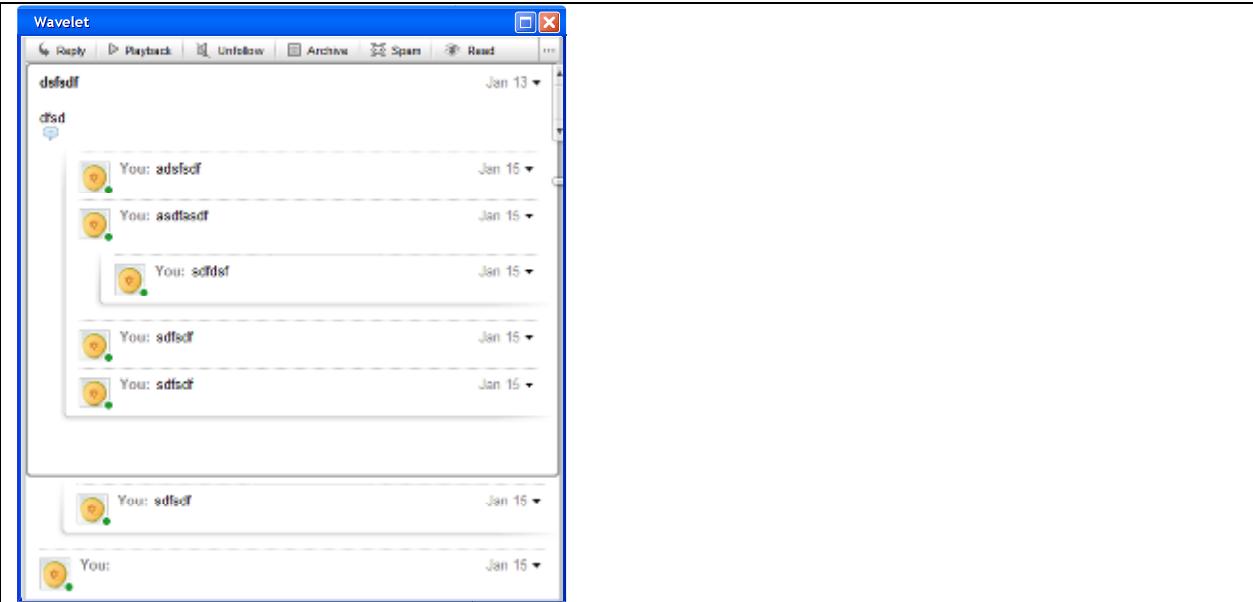
| Description | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Question Full Inherits all functionality from Question Lite and then adds advanced features. The advanced features include: | |
| 2A - Forum/Wave 2B – Resources 2C – Question Guru 2D – Raw Data 2E – Question Information 2F – Politian 2G – Tags | |
| Interactions | |
| Question Lite | Load when Question Lite tells it to |
| Mockup | |
| <p style="text-align: center;">The Question?</p> <p>The question context text goes here and when it runs out of space, then there will be a link to put up the entire context...</p> <p style="text-align: center;"> <input type="radio"/> Answer 1 <input type="radio"/> Answer 2 </p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Tags</div> <p><i>***Question Text Loads into the Header of the panel</i></p> | |
| Inheritance | |
| QuestionLite | Inherit everything from Question Lite |
| Reports | Inherit everything from Reports |
| Google AJAX Language API | http://code.google.com/intl/en/apis/ajaxlanguage/ |
| Embed widgets | http://drupal.org/project/embed_widgets |
| Fields (All Inherited) | |
| QuestionText | Basic question text |
| PossibleAnswers | Text for the radio button answers (>2) |
| UserAnswer | Question knows how the current user answered this question |
| QuestionContext | *Not Inherited – Context Text from question |
| AnswerID | ID of the Possible Answer |
| AnswerText | Text of the Possible Answer |
| UserAnswers | AnswerID of the each User's Answer/Vote |
| AnswerTimeStamp | Time stamp of the User's Answer/Vote |
| DOB | DOB of the User |
| Gender | Gender of the User |
| Zip/Postal Code | Zip/Postal Code of the User |
| Religion | Religion of the User |

| | |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethnicity | Ethnicity of the User |
| Slant | Slant of the User |
| IPAddress | IP Address where vote came from |
| Changed | Flag to indicate if the users has changed this answer. Used for counting |
| Location | Which section of the QuestionFull to load (if users selects forum – load forum) |
| Constructors | |
| QuestionLite | Load when QuestionLite tells it to |
| Methods (All inherited) | |
| DetermineUserAnswer(UserID) | Finds the users previous answer or null |
| ConstructFullQuestion(QuestionID,SectionOfQ) | Build the full question |
| AnswerQuestion(Answer, UserID, QuestionID) | User selects radio button, store in DB |
| ChangeAnswer(Answer, UserID, QuestionID) | User changes previous answer |
| WithdrawAnswer() | |
| GetTranslated(QuestionText, Answers) | Translate text into user language – Google API |
| VoteUpDown() | |
| Flag() | |
| SocialBookmark() | http://net.tutsplus.com/tutorials/javascript-ajax/drag-to-share/ |
| Invite() | |
| SuggestAnswer() | Display all other suggested answers with the option to vote for already suggested answer, or to enter free text of a new suggested answer. Remember and display the user's previous suggested answer. Do not allow the user to answer a question if he has suggested a new answer. Allow user to change the answer. When the suggested answer votes reaches X% of the total answers, then suggested answer becomes an answer with all of the votes associated. Send a notification to those suggesting and question author. |
| CreateMashup() | Similar to Google Maps, allow user to generate a link to a mashup of the question. Maybe allow custom sizing and style sheets. See how YouTube does this with predefined styles (colors) and sizes. |

| | |
|-----------------|-------------------------------------------------------------------|
| | |
| RefineResults | For the bar chart, ability to refine by user profile traits – API |
| AdjustTimeRange | For the line chart, ability to refine time – API |
| ZoomMap | Ability to use Google Maps zoom functionality |

2A FORUM/WAVE

| Description | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Create a Wave for each question, resource, news. • When user is viewing the forum/wave, only the wave view shows and not the wavelets. • Do not display the followers of the wave or wavelet on the display • Wavelets load in a resizable popup. • User can only reply to wavelets. No edit possible • Private Reply is enabled • Show the date/time of the post of the wavelets and replies • Playback is enabled • Search is enabled within that wave only (I.e. not across other question or resource waves) • Profile Badge is inserted on the wavelet and replies (if possible, otherwise just the pic and hover for username) http://www.hotajax.org/content/view/213/420/ | |
| Interactions | |
| QuestionFull | Load by Question when QuestionFull Loads |
| Profile | Load by Logged In user when Profile Loads |
| Resources | Load by Resources when QuestionFull Loads |
| HeardNews | |
| Privilege | Check User privileges before he can post to forum |
| Like | This might be tricky.. we need the like functionality on the wavelet and on each reply. |
| Flag | This might be tricky.. we need the flag functionality on the wavelet and on each reply. |
| Mockup | |
|  | |

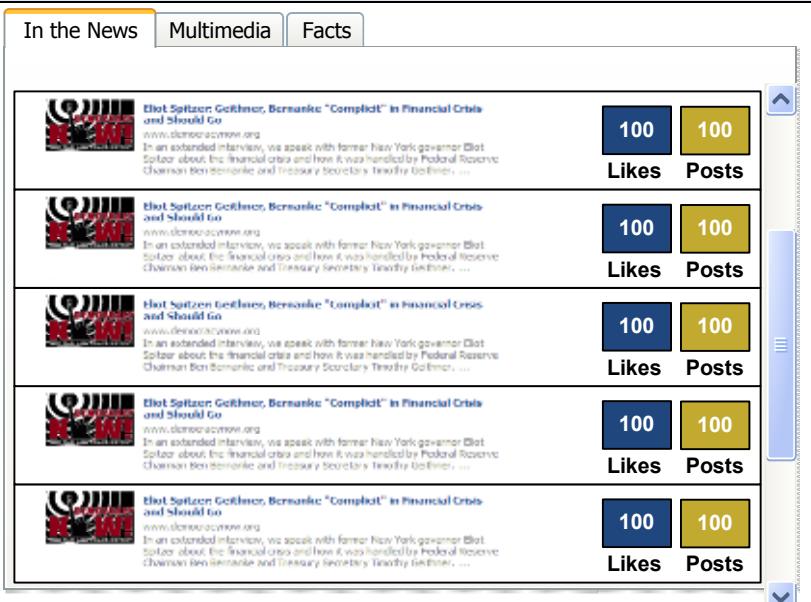


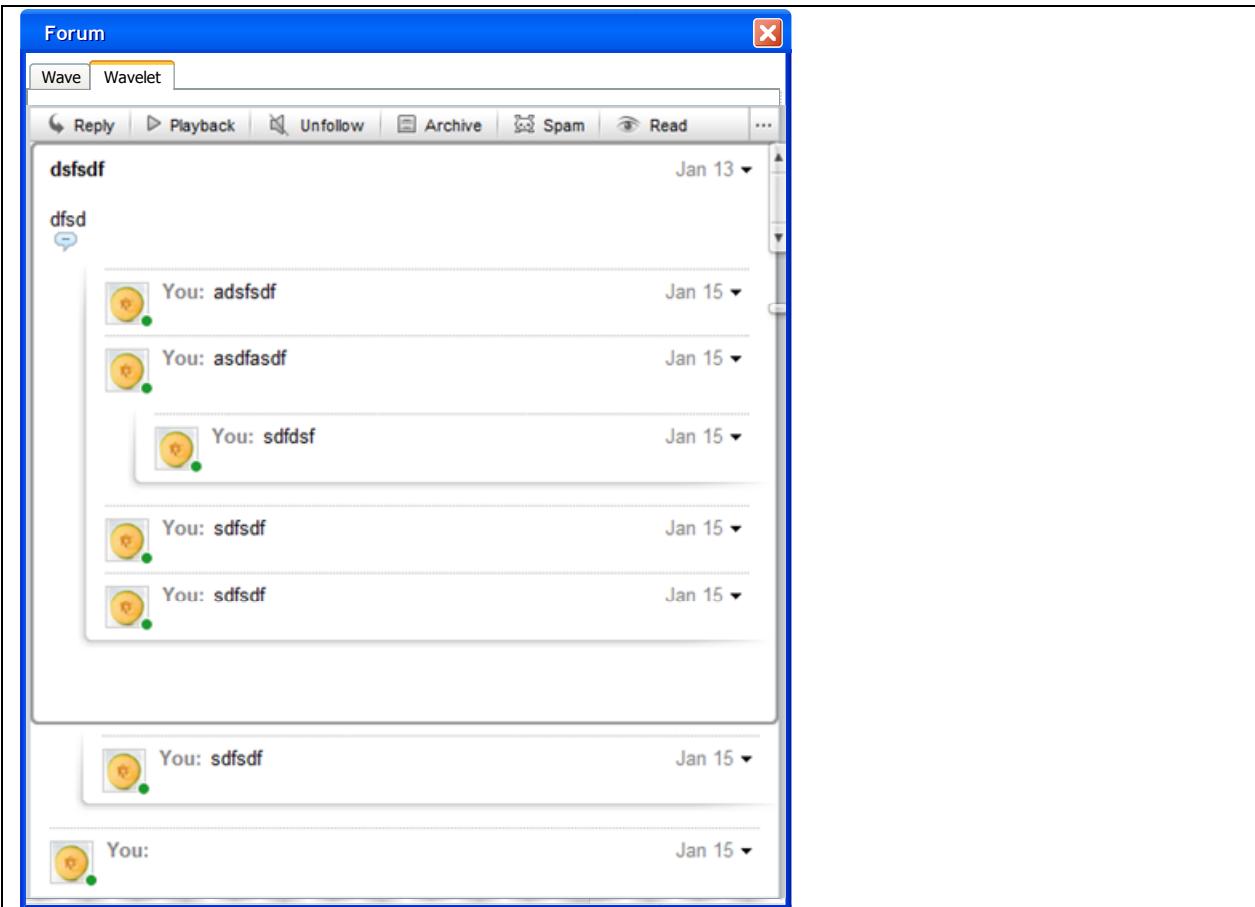
See: <https://wave.google.com/wave/> (If you require an invite, please let us know)

The wave is loaded into the mochaui panel and the wavelets load into a popup.

| Inheritance | |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Drupal Wave | http://drupal.org/project/wave |
| Google Wave API | http://code.google.com/intl/en/apis/wave/ |
| UserBadge | Badge that displays UserName, Pic, BadgesEarned, PointsEarned |
| UserVote | Display Forum Posters current vote/answer |
| Fields | |
| ThreadPoints | From VoteUp/Down |
| Tags | QuestionID, ResourceID, UserID |
| Constructors | |
| Load when Forum Tab of Question is clicked | |
| Load when Forum Tab of Resources is clicked | |
| Load when Forum Tab of News is clicked | |
| Methods | |
| VoteUp/Down (ThreadID, UserID, CategoryIDs) | |
| DetermineUserAnswer(UserID) | Finds the users vote/answer or null and adds it to the ProfileBadge |
| SortBy | Able to sort by: Date, Activity, VoteUps |
| Other Wave Stuff | |

2B RESOURCES

| Description | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <ul style="list-style-type: none"> Resources have the following categories (resource categories are unrelated to question category) : <ul style="list-style-type: none"> In the News – Links to website (news site, blog, etc) Multimedia – Links to video sites, podcasts, etc Facts – Links to websites No actual uploading or hosting of media, use scribd, blip.tv, vodpod? apis Lite and Full Version of resources: Lite Loads in Full Question, Full Loads on own page | |
| Interactions | |
| ResourceFull | When Resource is Selected, load Resource Full |
| Privilege | Check User privileges before he can post a resource |
| Forum/Wave | |
| Mockup | |
|  <ul style="list-style-type: none"> Eliot Spitzer, Bernanke "Complot" in Financial Crisis and Should Go Eliot Spitzer, Bernanke "Complot" in Financial Crisis and Should Go Eliot Spitzer, Bernanke "Complot" in Financial Crisis and Should Go Eliot Spitzer, Bernanke "Complot" in Financial Crisis and Should Go Eliot Spitzer, Bernanke "Complot" in Financial Crisis and Should Go | |
| <ul style="list-style-type: none"> Display the links title and teasers (similar to Facebook functionality)  | |

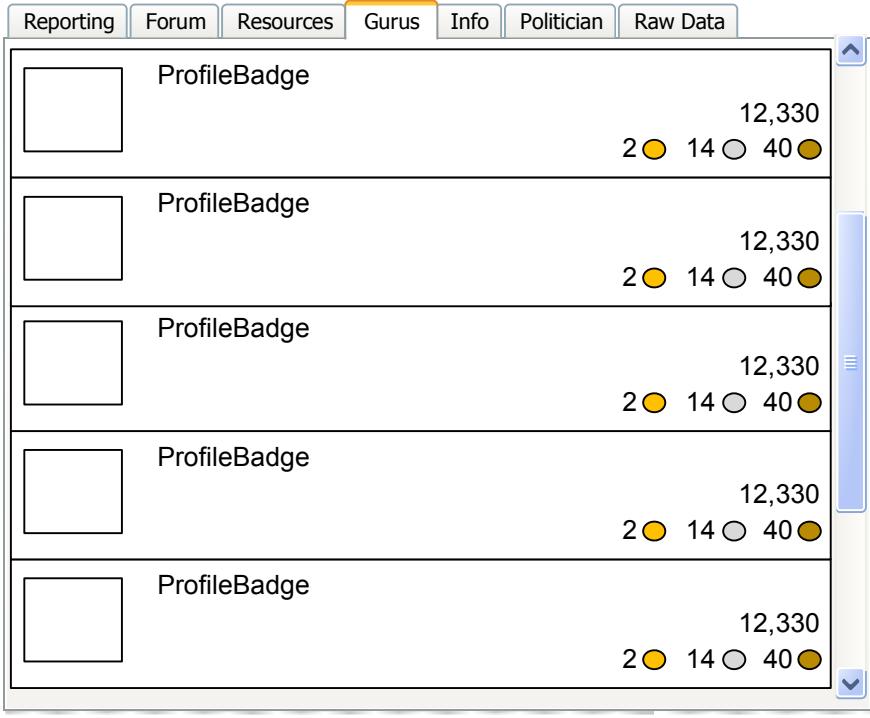


- Display Wave and Wavelet in popups in tabs.
- If a new wavelet is selected from the wave list, refresh the tab

| Inheritance | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Filter | http://drupal.org/project/video_filter |
| Uploaded Files Mover | http://drupal.org/project/uploadedfilesmover |
| YouTube | http://code.google.com/intl/en/apis/youtube/overview.html YouTube Direct |
| Scribd | http://www.scribd.com/developers |
| Fields | |
| Classification (AnswerID, Text) | Towards which possible answers or neutral (default) |
| URL | Link to the Resource |
| Headline | Headline of the Resource |
| Details | Details of the Resource |
| Constructors | |
| ResourceTabPress | When the user selects the resource tab, build resources lite |
| ResourceFull | When a resource is selected, load ResourceFull |
| Methods | |
| SortBy() | Able to sort by: Date, ForumActivity, VoteUps |
| LaunchLinks() | Launch links in new windows similar to facebook and insert wave at the bottom |
| LaunchMedia | Launch Media in new windows similar to facebook and insert wave at the bottom (Lightbox) |

| | |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>VoteUp/Down</u> (ThreadID, UserID, CategoryIDs) | |
| <u>Flag()</u> | |
| AddLink(Link, QuestionID, UserID, Classification) | Popup window that allows user to past link into field |
| AddMedia(Link, QuestionID, UserID, Classification) | Popup window that allows the user to indicate if it is a Document (PDF, Doc, PPT) or a Video or Podcast/Audio If Document – launch Scribd API If Video – Launch YouTube API If Audio launch.....? Note: we don't want to host any content. |
| Share | http://net.tutsplus.com/tutorials/javascript-ajax/drag-to-share/ |

2C QUESTION GURU TAB

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none"> • Display User Profile Badges sorted by likes on question. • After no more likes, display users who have posted to forum and resources by sorted by post date (new first) • When selected user, display the users question history. • Link also available to link to user profile. | |
| Interactions | |
| QuestionFull | Load when Question Full loads |
| Mockup | |
|  <p>The mockup shows a horizontal navigation bar with tabs: Reporting, Forum, Resources, Gurus (highlighted in yellow), Info, Politician, and Raw Data. Below the navigation is a vertical list of five items, each labeled 'ProfileBadge'. Each item has a small square placeholder image, a count of '12,330', and three circular icons below it. To the right of the list is a vertical sidebar with scroll arrows at the top and bottom.</p> | |
| Inheritance | |
| Forum/Wave | Retrieve VoteUps from wave postings (from current question) |
| Resources | Retrieve VoteUps from resource postings (from current question) |
| ProfileBadge | Guru's Profile Badge |
| UserPoints | Guru's Total Points |
| Fields | |
| | |
| Constructors | |
| GuruTabPress | When the user selects the guru tab, build QuestionGuru |
| Methods | |
| CalculateVoteUps (WavePoints, ResourcePoints) | Calculate Question VoteUps |

OpenGuruProfile(ProfileID)

When the user clicks the gurus badge, load the profile of the guru

2D RAW DATA TAB

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Description | |
| <ul style="list-style-type: none">• Allow the user to select the fields he wishes to download (Profile Dimensions, Time Dimensions)• Do not export the user id, only the data and time stamps• Upload as CSV with User Friendly column names• Phase 2 maybe... (Display coming soon) | |
| Interactions | |
| | |
| Mockup | |
| | |
| Inheritance | |
| | |
| Fields | |
| | |
| Constructors | |
| | |
| Methods | |
| | |

2E QUESTION INFORMATION

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none"> • Displays basic information about the question: creator, date of creation, category – subcategories • Statistics about the activity on this question | |
| Interactions | |
| QuestionFull | |
| Forum/Wave | Determine how many posts |
| Resources | Determine how many resources |
| Mockup | |
| <p>Question Author:</p> <p>Date Created:</p> <p>Number of Votes:</p> <p>Number of Forum Posts:</p> <p>Number of Resources:</p> | |
| Inheritance | |
| Fields | |
| Author | User who created the question |
| DateCreated | |
| NumOfVotes | |
| NumOfPosts | |
| NumOfResources | |
| | |
| Constructors | |
| InfoTabPress | When the user selects the information tab, build QuestionInformation |

Methods

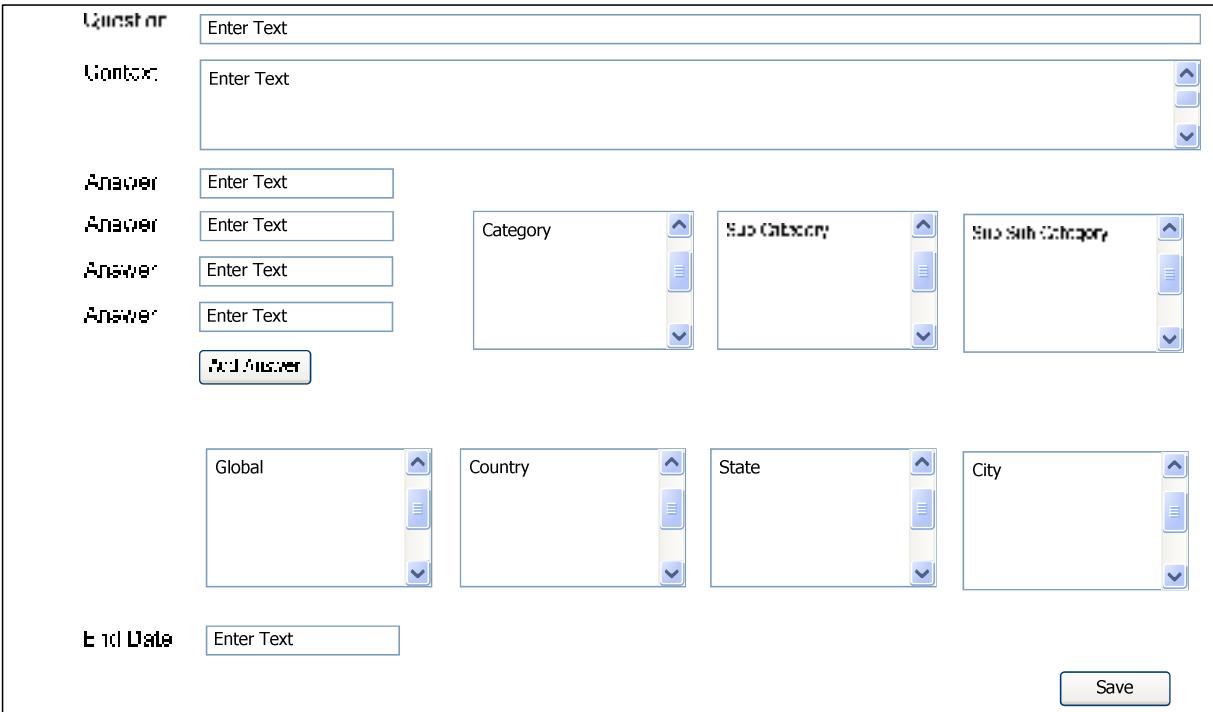
2F POLITIAN TAB

| Description | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <ul style="list-style-type: none">• This view lists the how the politicians (dummy or real users) voted on the question with summary statistics at the top of the list.• The Politian user is a dummy user account unless the Politian has linked it to their real profile (manual verification process)• If the Politian has validated and merged his account, then report how politicians voted on each question• Politician votes can be imported in Answer table from the RSS feeds.• Sort politicians results by alpha.• Refinable by:<ul style="list-style-type: none">○ Location: Region, country, state/province, city○ Level : Federal, State/Provincial, County, Municipal | |
| Interactions | |
| QuestionFull | |
| RSS Feeds | Populated by RSS feed |
| Mockup | |
| Inheritance | |
| Fields | |
| | |
| Constructors | |
| | |
| Methods | |
| InvitePolitician | |

2G TAGS

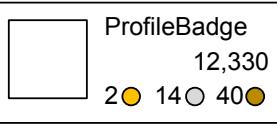
| | | | | |
|-----------------------|-----------------------------------------------------------------------------------|----------------------------|-----------------------|------------------------|
| Description | | | | |
| • | | | | |
| Interactions | | | | |
| | | | | |
| | | | | |
| Mockup | | | | |
| track | php | javascript | click | jquery |
| Inheritance | | | | |
| Tagging | http://drupal.org/project/tagging | | | |
| Fields | | | | |
| | | | | |
| Constructors | | | | |
| | | | | |
| Methods | | | | |
| InvitePolitician | | | | |

3 CREATE QUESTION

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none"> Form for data input with all of the question attribute fields When used in Moderator, populate form with question data. If the moderator updates and saves, then overwrite existing question data. | |
| Interactions | |
| CreateQuestion | |
| ModerateQuestion | |
| Privilege | Check user privileges before Creating Question |
| Mockup |  <p>The mockup displays a form for creating a question. It includes fields for 'Question' (text input), 'Context' (text input with a dropdown menu for selecting from a list), 'Answers' (four text input fields), and 'Categories' (three dropdown menus for 'Category', 'Sub Category', and 'Sub Sub Category'). There is also a 'PossibleAnswers' section with four dropdown menus for 'Global', 'Country', 'State', and 'City'. A 'EndDate' field (text input) and a 'Save' button are at the bottom.</p> |
| Inheritance | |
| Moderate Inherits Creates data | |
| Fields | |
| QuestionText | |
| QuestionContext | |
| PossibleAnswers | Array |
| SuggestedNewPossibleAnswer | Array |
| Categoriees | Array |
| Location | Array |
| EndDate | |

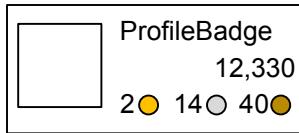
| | |
|----------------------|--------------------------------------------------|
| Approved | For the moderator |
| Constructors | |
| UserClickAddNew | When the user clicks add new button |
| ModerateQuestionLoad | When the moderator loads the question for review |
| Methods | |
| MakeQuestion | New |
| ModerateQuestion | Update |

4 PROFILE

| Description | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> The profile component carries all of the information of the user: Attributes, Points, Badges, Follow. It also contains a history of changes to the profile information | |
| Interactions | |
| Follow | |
| History | |
| Guru Points | |
| Badges | |
| Privacy | |
| Notifications | |
| Mockup | |
|  <div style="display: flex; justify-content: space-between;"> ProfileBadge 12,330 2 ● 14 ○ 40 ● Profile Info </div> | |
| <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>Bio</p> </div> <div style="width: 45%;"> <p>Links</p> </div> </div> | |
| Inheritance | |
| GuruPoints | |
| Username originality AJAX check | http://drupal.org/project/username_check |
| Anatoa - together against profile fraud | http://drupal.org/project/anatoa |
| Content Profile | http://drupal.org/project/content_profile |
| One page profile | http://drupal.org/project/onepageprofile |
| CCK Field Privacy | http://drupal.org/project/cck_field_privacy |
| Mollom | http://drupal.org/project/mollom |
| Lightbox2 | http://drupal.org/project/lightbox2 |
| OpenID | http://drupal.org/project/openid |
| Privatemsg | http://drupal.org/project/privatemsg |
| Advanced Profile Kit | http://drupal.org/project/advanced_profile |
| Fields | |

| | |
|-----------------|---------------------------------------------------------------------------------------------|
| UserName | |
| Real Name | |
| Email | |
| Picture | |
| Bio | |
| Links | |
| Facebook | |
| Twitter | |
| DOB | DOB of the User |
| Gender | Gender of the User |
| Zip/Postal Code | Zip/Postal Code of the User |
| Religion | Religion of the User (Christian (Cath or Prod), Muslim (Suni Shi), Jewish, Hindu, Buddhist) |
| Ethnicity | Ethnicity of the User (Caucasian, Black, Asian, Indian, Semetic, Aborigines) |
| Slant | Slant of the User (Left, Right or Center) |
| Role | |
| Politician | |
| Flag, Warnings | |
| Constructors | |
| WavePost | |
| GuruList | |
| ResourcePost | |
| | |
| Methods | |
| CreateProfile | |
| UpdateProfile | |
| DeleteProfile | |
| Follow | |
| Contact | |

4A PROFILE BADGE

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">The profile badge is a small panel that is displayed as the representation of the user on:<ul style="list-style-type: none">Forum/Wave PostsQuestion AuthorResource PostGuru | |
| Interactions | |
| Profile | Whenever the Profile Badge is clicked, build and load the Profile |
| Mockup | |
|  | |
| <ul style="list-style-type: none">Can be resizedPin the points and badges to the right and the pic to the right and the username to the pic. | |
| Inheritance | |
| Profile | |
| Fields | |
| UserName | |
| Picture | |
| Badges | |
| Points | |
| Country | |
| Constructors | |
| WavePost | |
| GuruList | |
| ResourcePost | |
| | |
| Methods | |
| OpenProfile | |

4B PROFILE PRIVACY

- All privacy settings are set at the time of profile creation and can be updated by pressing the Privacy button in the header.
- Privacy Settings GUI loads in a lightbox
- User can choose to hide or display each profile attribute they enter
- User can choose whether to hide from
 - Anonymous
 - Only Followers and Followees
 - Logged in users/Registered users

4C QUESTION AND RESOURCE PRIVACY

- Profile setting that allows a user to have predetermined privacy settings.
- User can choose the following settings:
 - Always post non anonymous
 - Only allow followers and followees to see
 - Always post anonymous
 - Prompt on all (if prompt all, then when user is posting, pop up to ask if he wants to share with everyone or just followers or not at all)
- If user chooses to be anonymous, the user demographics in the profile are still calculated, but not shown.
- Facebook and Twitter settings as well here.

5 LISTS

Calculate lists on the fly based on current data.

5A TOP AND HOT

| Description | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <ul style="list-style-type: none">• These 2 lists contain the questions sorted by number of answers (including suggested answers).• Top includes all time top questions, Hot includes top questions within 7 days (algorithm TBD).• Display only the question text, with mouse over hover if text is too long http://www.hotajax.org/content/view/213/420/ | |
| Interactions | |
| QuestionLite | |
| Widget | Make iGoogle widget |
| Inheritance | |
| Question | |
| Fields | |
| QuestionText | |
| PossibleAnswers | Array |
| Categories | Array |
| | |
| Constructors | |
| Home Page Load | |
| Methods | |
| RefineByCategory | |

5B LOCAL

| Description | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">Contains a list of questions based on City, State, Country of IP address (default) or the profile postal code if logged in and data is available.Only include questions within countrySort by Local Points | |
| Interactions | |
| QuestionLite | |
| Widget | Make iGoogle widget |
| Inheritance | |
| Question | |
| IP to Country | http://drupal.org/project/ip2cc |
| Location | http://drupal.org/project/location |
| Fields | |
| QuestionText | |
| PossibleAnswers | Array |
| Categories | Array |
| Constructors | |
| | |
| Methods | |
| LocalPoints | <p>Algorithm – Local Points =</p> <ul style="list-style-type: none">Answers (City Match: * 2, else *1) * (State Match: * 2, else *1) |
| RefineByCategory | |

5C GURUS

| | |
|----------------------------------------------------------|--|
| Description | |
| • Includes list of Profile Badges sorted by guru points. | |
| Interactions | |
| Profile | |
| Profile Badge | |
| Guru Points | |
| Inheritance | |
| ProfileBadge | |
| | |
| Fields | |
| ProfileBadge | |
| Constructors | |
| Build this list when the Guru Page Loads | |
| Methods | |
| RefineByCategory(CategoryIDs) | |
| OpenProfile(UserID) | |

5D NEW QUESTIONS (ADMIN)

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Description | |
| <ul style="list-style-type: none">• List containing all new questions that have not been cleared by the moderator sorted chronologically• Buttons above list to approve or decline question | |
| Interactions | |
| MakeQuestion | |
| Mockup | |
| Inheritance | |
| QuestionLite | |
| Fields | |
| QuestionText | |
| PossibleAnswers | Array |
| Constructors | |
| When the Admin page, approve new question page loads, build this list. Refresh the list after each question is cleared by the moderator | |
| Methods | |
| ApproveQuestion | |
| DeclineQuestion | Send a notification to author |
| PossibleDupe | |

5E FLAGGED QUESTIONS AND POSTS

| Description | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| <ul style="list-style-type: none">• List containing all flagged nodes that have not been cleared by the moderator sorted chronologically | |
| Interactions | |
| MakeQuestion | If question is flagged, then open MakeQuestion when selected |
| Forum/Wave | If forum post is flagged, then open entire Thread when selected |
| Mockup | |
| Inheritance | |
| Flag | |
| Question | |
| Fields | |
| FlagExplanation | User who created the flag leaves a reason why |
| Constructors | |
| When the Admin page, flagged question page loads, build this list. Refresh the list after each question is cleared by the moderator | |
| Methods | |
| Ignore | Clear Flag Send email to Flagger |
| Delete | Delete Question or Forum Post Send email to Flagger and Poster/Author |

5F FLAGGED USERS

| Description | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <ul style="list-style-type: none">• List containing all flagged users that have not been cleared by the moderator sorted chronologically• User becomes flagged when X number of nodes that he created are flagged and removed.• Warning Ignore Block | |
| Interactions | |
| MakeQuestion | |
| Forum/Wave | |
| Resources | |
| History | |
| Mockup | |
| Inheritance | |
| ProfileWarnings | |
| QuestionFlag | |
| ForumFlag | |
| ResourceFlag | |
| Fields | |
| UserName | |
| Constructors | |
| When the Admin page, flagged user page loads, build this list. Refresh the list after each question is cleared by the moderator | |
| Methods | |
| Warning | |
| Ignore | |
| Block | |

6 SUGGEST LISTS

6A SUGGEST QUESTIONS

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">• Based on Category, Subcategory and Tags of the question attributes, populate a list of most answered questions that the logged in user has not voted on.• Display only question text• When a question text is selected, dynamically load page (and then refresh this list) | |
| Interactions | |
| QuestionsFull | If user clicks question in list, load question Full |
| Mockup | |
| Inheritance | |
| Fields | |
| QuestionText | |
| Constructors | |
| QuestionFull | |
| Methods | |
| | |

6B SUGGEST TAGS

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">• This will suggest tags based on key words in question, context and answer crossed with other tags in selected categories (if possible).• Once the question text, context and categories have been chosen, then this list will populate with “unselected” tags based on the text matches first, then with tags from other questions in the subcategory ranked by most used.• User then clicks on the tag to select the tag and can then click off to deselect it.• If more question text or context is entered by the user (during the session), then store the already selected tags, then update the suggestion list. | |
| Interactions | |
| Questions | |
| Mockup | |
| | |
| Inheritance | |
| Tagging | http://drupal.org/project/tagging |
| Suggested Terms | http://drupal.org/project/suggestedterms |
| Fields | |
| Tags | |
| Constructors | |
| CreateQuestion page load | |
| Methods | |
| FindTags | On each lose focus where the user has entered new data, search for tags |

6C SUGGEST FOLLOW

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Description | |
| <ul style="list-style-type: none">• Based on Following users, get entire list of their followings (Users and categories) and sort by most followers.• No duplicates• Do not display if user is already following | |
| Interactions | |
| Profile | |
| Taxonomy | |
| Mockup | |
| Inheritance | |
| Follow | |
| Fields | |
| Suggestion | |
| Constructors | |
| Notification page load | |
| Methods | |
| CreateList() | |

7 NOTIFICATIONS

| Description | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • User receives the following notifications types: <ul style="list-style-type: none"> ○ Reply to a post on a forum (<i>this might have to be done separately – merging notifications and waves might be difficult – TBD</i>) ○ “Likes” notifications ○ Message from other user (<i>this might have to be done separately – merging notifications and waves might be difficult – TBD</i>) ○ Following categories or tags new question created ○ Follower action ○ New followee ○ New Answer approved on previously answered question (Suggest Answer) ○ Earns a Badge ○ User is Warned re: User Flag • User can choose to be notified by email as well as through Heard Mentality. • User can select to disable any notification type • Notification static text are modifiable by the administrator • New notification types can be added • Notification Lite for the Home Page gives short view of the notification. • Users can send email notifications to each other. | |
| Interactions | |
| QuestionLite | |
| Forum/Wave | Notification when thread is built on |
| Resources | |
| Profile | New Follower or click on Profile Badge |
| Badge | Notification when Badge is earned |
| Like | Notification when users node is liked |
| Follow | Notification when user gets new follower |
| Follow | Notification of Follower History or Category Follow new Question |
| SuggestAnswer | Notification when a Answer you suggested is approved |
| Flag User | Warning notification sent to User |
| Mockup | |
| Inheritance | |
| ProfileBadge | |
| Notifications | http://drupal.org/project/notifications |
| Notifications Add-ons | http://drupal.org/project/notifications_extra |
| Subscriptions | http://drupal.org/project/subscriptions |
| Fields | |
| NotificationSource | CategoryID, UserID, ForumPost, Resource |
| QuestionText | |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| PossibleAnswers | |
| NotificationText | |
| Viewed | Cleared by the user from the list |
| Constructors | |
| When the notification page loads, create list of notifications. After each notification is cleared by the user, refresh the list | |
| Methods | |
| ReceiveNotification | |
| OpenQuestionLite | |
| OpenQuestionForum | |
| OpenQuestionResource | |
| OpenProfilePage | |
| ReplyToNotification | |
| Clear/IgnoreNotification | |
| AnswerQuestion | |
| SendNotification | Send a notification to any user |

8 SEARCH RESULTS

8A QUESTION

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">• Display all questions based on search text• Faceted Search: Contains Dynamic category/tag navigation that can be drilled on• Clicking on Tag lists all questions in tag in popularity order• Display filter items in the top of the right panel• Able to sort by most answers and newest• Able to filter out questions the logged in user has already voted on• Dynamically load refined questions• Able to vote (or change vote) on questions directly from the search results. | |
| Interactions | |
| QuestionLite | |
| Mockup | |
| Inheritance | |
| Faceted Search | http://drupal.org/project/faceted_search |
| Apache Solr Search Integration | http://drupal.org/project/apachesolr |
| Fields | |
| QuestionText | |
| PossibleAnswers | |
| Constructors | |
| AfterSearchQuestion | |
| Methods | |
| FacetedNarrow(Category, Tag, Location) | Narrow Result Set based on Faceted Search |
| AnswerQuestion(UserChoice) | UserAnswers |
| OpenQuestionLite | |

8B USER

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">• Refine by guru points categories and location.• Location Checkboxes dynamically load based on higher level selection• Search results are dynamically updated | |
| Interactions | |
| Profile | |
| Mockup | |
| Inheritance | |
| ProfileBadge | |
| Profile search | http://drupal.org/project/profilesearch |
| Fields | |
| | |
| Constructors | |
| AfterSearch | |
| Methods | |
| OpenProfile | |
| RefineBy(Location,GuruPoints) | |

9 DONATE

Best practice – Paypal

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Wikipedia is nonprofit and relies on your individual donations. Please make your donation now.

Select your tax-deductible gift amount:

\$35 \$50 \$75 \$100 Other: USD – \$

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To give to a local Wikimedia chapter, [click here](#).

If you have disabled JavaScript, please use our [alternative form](#).

| |
|----------------------------------------------------------------------------------------------|
| Drupal Modules |
| Donation http://drupal.org/project/donation |

10 FOLLOW

| Description | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Ability to follow another user and receive notifications for all <ol style="list-style-type: none"> 1. Questions created and answered 2. Comments or resources posted • See notification for display • Ability for follower to see who is following them • Ability to send email to all followees (and include token (link) for a question or posting) • The follow component includes 3 functions: <ol style="list-style-type: none"> 1. Display all Followers and Followees (categories and users) 2. Enable Follow Notifications 3. Enable button to start following a user • If the user clicks on the follow (follower or followee) boxes on the profile page, then load the list of followers into the profile search results page. | |
| Interactions | |
| Notifications | |
| Question | |
| Forum/Wave | |
| User | |
| ViewProfile | |
| Mockup | |
| <p>Following</p>  | |
| Inheritance | |
| FriendList | http://drupal.org/project/friendlist |
| User Relationships | http://drupal.org/project/user_relationships |
| Fields | |
| | |
| Constructors (Followers & Followees) | |
| ViewProfile Page loads | |

| | |
|---------------------------------------------|--------------------------------------|
| Notification Page loads | |
| ProfileSearchResults (Inherit from Profile) | |
| Guru (Inherit from Profile) | |
| Constructors (Start Following) | |
| QuestionFollow | |
| UserFollow | |
| Methods (Followers & Followees) | |
| OpenProfile | |
| DisplayAllFollowing | Load into Profile Search Result Page |
| | |
| Methods (Start Following) | |
| StartFollowingUser | |
| StartFollowingQuestion | |

11 HISTORY

| Description |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• See how stack overflow works.• For each user track every interaction with the system<ul style="list-style-type: none">◦ Questions Created◦ Questions Answered◦ Forum Post◦ Resource Post◦ Liked someone or question or answer◦ Was liked by someone else◦ Earned badge◦ New Follower• Display in chronological order• Display History type (above) and short desc of actions (TBD) |
| Interactions |
| Profile |

ModerateUser

Notification

Follow

Badges

Question

Resource

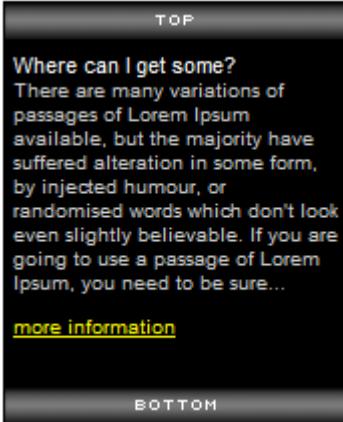
Forum/Wave

Like

Mockup

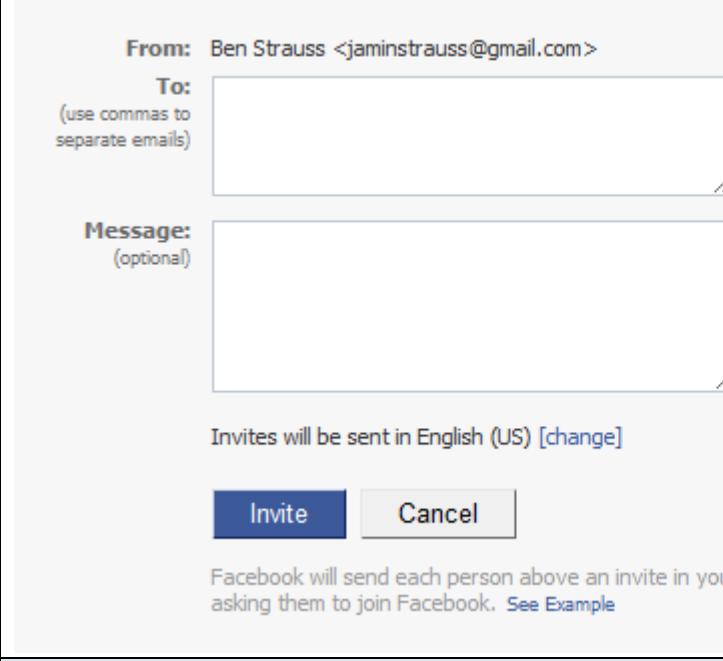
| | | |
|----------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1h | comment | Which Mathematics should I study to be a better programmer/developer? Dupe: https://stackoverflow.com/questions/1070191... |
| 17h | comment | Force an Inheritor to Initialise a field of the base from its CTOR (C#) this is undesirable in that context, of course, but you can call static methods and decide the output based on the arguments passed to the constructor. That's enough most of the time. |
| 1d | answered | Nice Answer |
| 1d | accepted | How to reference current class type using generics |
| 1d | answered | Enlightened |
| 1d | answered | Nice Answer |
| 1d | comment | Custom X86_64 calling convention to C function call Visual C++ has a __declspec(naked) modifier that prevents the compiler from generating prologues and epilogues. |
| 1d | comment | Force an Inheritor to Initialise a field of the base from its CTOR (C#) @Courtney: The alternative method might suit your case better. |
| 1d | revised | Force an Inheritor to Initialise a field of the base from its CTOR (C#) sealed constructor method |
| 1d | answered | How to reference current class type using generics |
| 1d | comment | Force an Inheritor to Initialise a field of the base from its CTOR (C#) @Courtney: You are sacrificing design correctness for syntactic beauty, which is not a good thing IMO. This is not a big deal. Simply declare a new property with a different name in the derived class: <code>public MyTypeImplementation MyImplementation</code> |
| 1d | comment | Transmitting hand written information over a network. Put a cheap worker in front of the board and ask him to use an instant messenger to send everything the teacher writes to another guy |
| 1d | comment | Why are people not using Functional Programming languages? People are increasingly using it. Look around. |
| 1d | comment | No overflow exception for Int In C#? Obviously, this only makes sense when you've got checked operations enabled in the project settings." ... or you want to evaluate an |
| Inheritance | | |
| Activity http://drupal.org/project/activity | | |
| Fields | | |
| Node | | |
| Action | | |
| UserID | | |
| Details | | |
| TimeStamp | | |
| Constructors | | |
| ProfileView page loads | | |
| ModerateUser page loads (Load based on selected user) | | |
| Methods | | |
| GoToHistoryItem(Node) | | |

12 HEARD MENTALITY NEWS/BLOG

| | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Description | |
| | <ul style="list-style-type: none">Ability to write an news itemAbility to post a link to a external news item |
| Interactions | |
| HomePage | |
| Mockup |  |
| | http://zendold.lojcomm.com.br/icarousel/example5.asp |
| Inheritance | |
| Blog | |
| Fields | |
| Title | |
| Posting | |
| Link | |
| Constructors | |
| HomePage Loads | |
| Methods | |
| PostToNew() | |
| LoadBlogPage() | |
| ViewBlog() | |

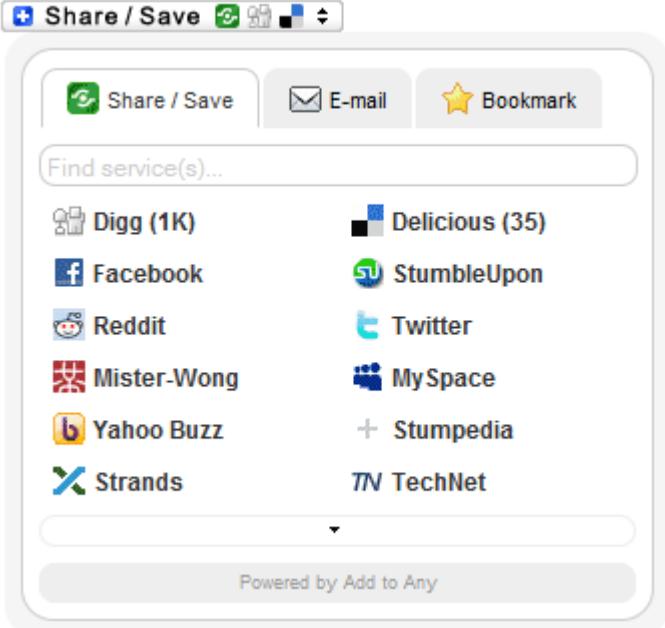
13 SOCIAL

13A INVITE

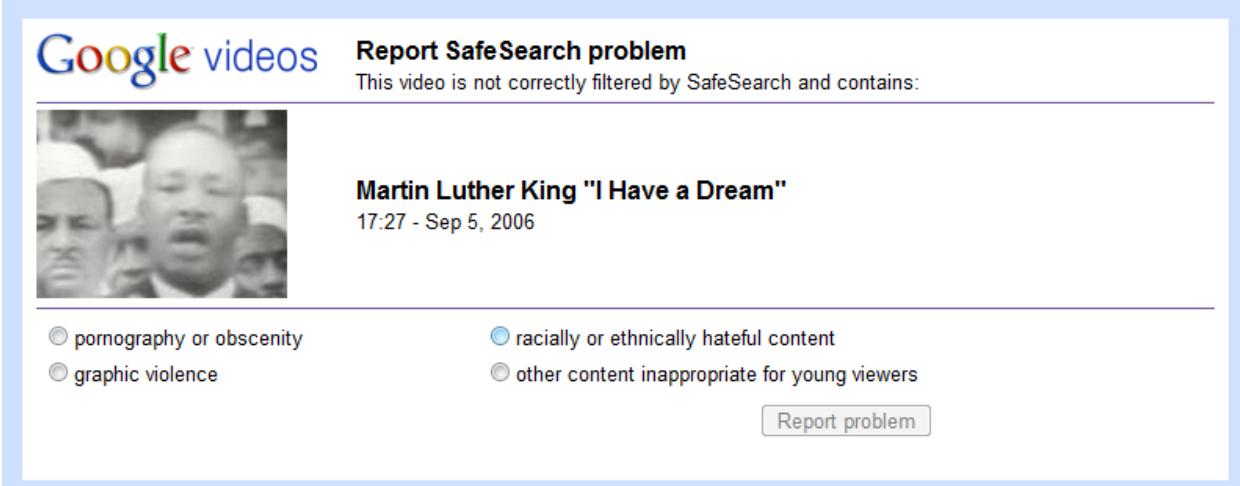
| Description | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">Ability to Invite friends to answer a question or to join the siteAbility to scan user's email account address books (google social graph) and allow user to easily select which users to inviteAbility to edit the text of the invitationAdd users who join to the inviter's followers listSend email from the user's email address that is stored in profile – confirm before send.Button for invite politician to vote on this question (with some kind of way of finding his local politician – maybe link to different country gov sites) govtrack has for us a lookup | |
| Interactions | |
| Question | |
| Resource | |
| Points | Get Points for inviting |
| Mockup | |
|  | |
| <p>Import Email Addresses ▾ from almost any online email service to invite your friends.</p> <p> Windows Live Hotmail   Gmail  Yahoo! Mail</p> <hr/> <p>View All Invites ▾ See your entire history of invitations, including who has joined because of you.</p> | |
| Inheritance | |
| Invite | http://drupal.org/project/invite |
| Drupal Contact List Importer | http://drupal.org/project/dcl_importer |
| Fields | |
| | |
| Constructors | |
| User presses the invite button | |

| Methods | |
|-------------------------------|--|
| ImportEmailContacts() | |
| ImportSocialNetworkContacts() | |
| Invite() | |

13B BOOKMARK

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">Ability to add current page as a social bookmark on popular sites (ex: Digg, Facebook, etc...). | |
| Interactions | |
| Question | |
| Resource | |
| HeardNews | |
| Mockup | |
|  | |
| Inheritance | |
| Add to Any Share/Bookmark Button | http://drupal.org/project/addtoany |
| Share | http://drupal.org/project/share |
| I like this if we can get it to work | http://net.tutsplus.com/tutorials/javascript-ajax/drag-to-share/ |
| Fields | |
| | |
| Constructors | |
| User presses the bookmark/share button | |
| Methods | |
| SocialBookmark() | |

14 FLAG

| Description | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Questions, Forum Posts, Resource Posts and Comments can be flagged • When an item is flagged, send to admin (see admin) | |
| Interactions | |
| Question | |
| Resource | |
| Forum/Wave | |
| Badge | User gains Badges for flags being approved |
| Guru Points | User gains Guru Points for flags being approved |
| Privilege | Check user privileges before Flag |
| Mockup | |
|  <p>The screenshot shows a Google Videos search result for 'Martin Luther King "I Have a Dream"'. The video thumbnail features Martin Luther King Jr. speaking. Below the thumbnail, the video title and upload date ('17:27 - Sep 5, 2006') are displayed. A modal window is overlaid on the page, prompting the user to report a SafeSearch problem. The modal header reads 'Report SafeSearch problem' and states 'This video is not correctly filtered by SafeSearch and contains:'. It lists four options with radio buttons: 'pornography or obscenity', 'racially or ethnically hateful content' (which is selected), 'graphic violence', and 'other content inappropriate for young viewers'. A 'Report problem' button is at the bottom right of the modal.</p> | |
| Inheritance | |
| Flag | http://drupal.org/project/flag |
| Flag Abuse | http://drupal.org/project/flag_abuse |
| Flag Note | http://drupal.org/project/flag_note |
| Fields | |
| | |
| Constructors | |
| User presses the flag button | |
| Methods | |
| FlagNode() | |

15 LIKE

| Description | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <ul style="list-style-type: none">• Questions, Forum Posts, Resource Posts and Comments can be voted up only (copy facebook)• User only has X Likes per week (see privileges) | |
| Interactions | |
| Question | |
| Resource | |
| Forum/Wave | |
| History | |
| Privilege | Check user Privileges before like |
| Mockup | |
| TBD | |
| Inheritance | |
| Node Vote? | http://drupal.org/project/nodewote |
| Fields | |
| | |
| Constructors | |
| User presses the flag button | |
| Methods | |
| LikeNode() | |
| EarnLikes() | User earns likes based on privileges |

16 RULES ENGINE / CRONS

16A GURU POINTS

| Description | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <ul style="list-style-type: none">• Users gain points by the following actions<ul style="list-style-type: none">◦ Creating a question◦ Created question reaches x, y or z etc answers (i.e. when votes reach different thresholds, question author gains points based on ranges ex: 50-100 votes = 5 pts, 100-300 votes = 10 pts, etc...)◦ Answering a question◦ Have a post “liked”◦ Flagging a question or user that is ultimately removed◦ Subscribing a friend◦ Number of followers (dynamically determined points because when you lose a follower, you lose the points)◦ new points possibilities can be added by administrator◦ Donate• Point values for each action are administrator maintained through a GUI• If applicable, the category tree of the question where points are gained is retained to facilitate guru searches. (i.e. question created, or forum post “likes” store also the category and subcategory to facilitate the guru filtering)• Summarized and detailed lists of points earned per action• Display points with the profile• Display different icons for different point levels• Ability to suppress points from collecting and/or displaying to other users.• Display in Guru pages ranked by number of points and ability to drill by category tree. | |
| Interactions | |
| Profile | Earn points for completing the profile |
| ProfileBadge | Display Guru Points on the Profile Badge |
| Guru | Display and Sort Users on this page by Guru Points |
| Question Guru | Display Question Gurus |
| Question | Earn Points for creating questions that become popular |
| Forum/Wave | Earn points for stimulating discussion on your thread |
| Resource | Earn points for posting resources that are viewed X times |
| Like | Earn point for having your nodes liked. |
| Flag | Earn points for flagging a node that is ultimately removed |
| Invite | Earn points for inviting (only once subscribed) |
| Follow | Earn points when user gets followers |
| Donate | Earn points when user donates |
| Privilege | Privileges are based on Guru Points |
| Mockup | |

| | |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Inheritance | |
| User Points Voting API | http://drupal.org/project/userpoints_votingapi |
| User Points | http://drupal.org/project/userpoints |
| User points Nodes and Comments | http://drupal.org/project/userpoints_nc |
| User Points Top Contributors | http://drupal.org/project/userpoints_top_contributors |
| User Points Contributed modules | http://drupal.org/project/userpoints_contrib |
| Fields | |
| | |
| Constructors | |
| Cron | |
| Methods | |
| EarnPoints | |
| LosePoints | |
| SpendPoints | |

16B BADGES

| Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------|----------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|--------------------|----------------------------------------------------------|-----------------|-------------------------------------------------------|----------------|------------------------------------------------------------|------------------|-------------------------------------------------------|-----------------|-----------------------------------------------------------|--------------------------------------------|-------------------------------------------------------|------------|--------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|-----------------------------------------|--------------------------------------------------------------|------------------------------------|------------------------------------------------------|----------------------------------------------------|
| For list of events users earn badges (copy http://stackoverflow.com/badges .) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none">• List of events TBD• Example: Biographer: When a user completes all profile fields. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interactions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ProfileBadge | Display Badges on Profile Badge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Like | Earn Badge for nodes being liked | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Forum/Wave | Earn Badge for Thread replies | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Profile | Earn Badge for completing all profile info | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flag | Earn Badge for Flagging questions that are removed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Follow | Earn Badge for being followed by X number of users | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tag | Earn Badge for suggesting new Tags | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| History | Show Badges earned in History | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Notification | Send user a notification when he earns a Badge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mockup | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Icons: TBD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Badges Page: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Badges | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ask questions, provide answers, vote for the things you find helpful — and Stack Overflow will bestow badges upon you. Here's a list of all the badges, along with a count of how many users have earned each one so far: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table><tbody><tr><td>● Autobiographer × 22039</td><td>Completed all user profile fields</td></tr><tr><td>● Beta × 2615</td><td>Actively participated in the Stack Overflow private beta</td></tr><tr><td>● Citizen Patrol × 4570</td><td>First flagged post</td></tr><tr><td>● Civic Duty × 3563</td><td>Voted 300 times</td></tr><tr><td>● Cleanup × 3022</td><td>First rollback</td></tr><tr><td>● Commentator × 22187</td><td>Left 10 comments</td></tr><tr><td>● Critic × 20244</td><td>First down vote</td></tr><tr><td>● Disciplined × 1314</td><td>Deleted own post with score of 3 or higher</td></tr><tr><td>● Editor × 45243</td><td>First edit</td></tr><tr><td>● Electorate × 58</td><td>Voted on 600 questions and 25% or more of total votes are on questions</td></tr><tr><td>● Enlightened × 8471</td><td>First answer was accepted with at least 10 up votes</td></tr><tr><td>● Enthusiast × 4957</td><td>Visited the site each day for 30 consecutive days</td></tr><tr><td>● Epic × 48</td><td>Hit the daily reputation cap on 50 days</td></tr><tr><td>● Famous Question × 382</td><td>Asked a question with 10,000 views</td></tr><tr><td>● Fanatic × 524</td><td>Visited the site each day for 100 consecutive days</td></tr></tbody></table> | | ● Autobiographer × 22039 | Completed all user profile fields | ● Beta × 2615 | Actively participated in the Stack Overflow private beta | ● Citizen Patrol × 4570 | First flagged post | ● Civic Duty × 3563 | Voted 300 times | ● Cleanup × 3022 | First rollback | ● Commentator × 22187 | Left 10 comments | ● Critic × 20244 | First down vote | ● Disciplined × 1314 | Deleted own post with score of 3 or higher | ● Editor × 45243 | First edit | ● Electorate × 58 | Voted on 600 questions and 25% or more of total votes are on questions | ● Enlightened × 8471 | First answer was accepted with at least 10 up votes | ● Enthusiast × 4957 | Visited the site each day for 30 consecutive days | ● Epic × 48 | Hit the daily reputation cap on 50 days | ● Famous Question × 382 | Asked a question with 10,000 views | ● Fanatic × 524 | Visited the site each day for 100 consecutive days |
| ● Autobiographer × 22039 | Completed all user profile fields | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Beta × 2615 | Actively participated in the Stack Overflow private beta | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Citizen Patrol × 4570 | First flagged post | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Civic Duty × 3563 | Voted 300 times | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Cleanup × 3022 | First rollback | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Commentator × 22187 | Left 10 comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Critic × 20244 | First down vote | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Disciplined × 1314 | Deleted own post with score of 3 or higher | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Editor × 45243 | First edit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Electorate × 58 | Voted on 600 questions and 25% or more of total votes are on questions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Enlightened × 8471 | First answer was accepted with at least 10 up votes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Enthusiast × 4957 | Visited the site each day for 30 consecutive days | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Epic × 48 | Hit the daily reputation cap on 50 days | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Famous Question × 382 | Asked a question with 10,000 views | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Fanatic × 524 | Visited the site each day for 100 consecutive days | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="text-align: right;">general tags</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Legend | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Gold Badge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gold Badges are rare. You'll have to not only participate but be skilled and knowledgeable to earn these. They're something of an accomplishment! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Silver Badge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Silver badges are earned for longer term goals. Silver badges are uncommon, but definitely attainable if you're interested enough. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ● Bronze Badge | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bronze badges are earned for basic use of the Stack Overflow site; they are relatively easy to earn. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Inheritance | |
|--------------|-------------------------------------------------------------------------------------------|
| User Badges | http://drupal.org/project/user_badges |
| Fields | |
| | |
| Constructors | |
| Cron | |
| Methods | |
| EarnBadge | |
| | |

16C SUGGEST ANSWER

| Description | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <ul style="list-style-type: none"> Display all other suggested answers with the option to vote for already suggested answer, or to enter free text of a new suggested answer. Remember and display the user's previous suggested answer. Do not allow the user to answer a question if he has suggested a new answer. Allow user to change the answer. When the suggested answer votes reaches X% of the total answers, then suggested answer becomes an answer with all of the votes associated. Send a notification to those suggesting and question author. | |
| Interactions | |
| Question | |
| Notification | |
| Privilege | |
| Mockup | |
| | |
| Inheritance | |
| | |
| Fields | |
| SuggestedAnswer | The Text of the Suggested Answer |
| QuestionID | The Question that the Suggested Answer is for |
| UserID | The User who wants that Suggested Answer |
| Constructors | |
| Load when the SuggestAnswer button is pressed | |
| Methods | |
| NewSuggestedAnswer | Create a new SuggestedAnswer |
| VoteOnExistingSuggestedAnswer | Add Vote to an existing SuggestedAnswer |
| ApproveSuggestedAnswer | Add to PossibleAnswer and Notification |
| RemoveSuggestedAnswer | Allow user to withdraw SuggestedAnswer and vote on existing answer. |

16D FLAG USER

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Description | |
| <ul style="list-style-type: none">When a user's questions or comments have been flagged X times, then the user becomes flagged.This flagged user is then treated by the administrator | |
| Interactions | |
| Question | |
| Resource | |
| Forum/Wave | |
| Admin | |
| Mockup | |
| Inheritance | |
| FlagNode | |
| Profile | |
| ProfileBadge | |
| Fields | |
| | |
| Constructors | |
| Cron | |
| Methods | |
| FlagUser | |
| SendWarning | Send User a Warning Notification and Flag the User Profile |
| IgnoreWarning | Clear Flag |
| Block | Suspend the User's Account for X days |

16E USER PRIVILEGES

| Description | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <ul style="list-style-type: none">• User privileges controls what actions the user can do.• Validated Politician Users have all Privileges without points – i.e. no restrictions• Privileges are gained by based on the User's guru points balance (see http://stackoverflow.com/faq)• Privileges are maintained by the Admin. Points can be changed and new Privileges can be added (with coding is OK)• See Permissions below (Blue shaded boxes)• Example from Stack Overflow: | |
| Points | Privilege |
| 15 | Vote up |
| 15 | Flag offensive |
| 50 | Leave comments [†] |
| 100 | Vote down (costs 1 rep) |
| 100 | Edit community wiki posts |
| 200 | Reduced advertising |
| 250 | Vote to close or reopen your questions |
| 250 | Create new tags |
| 500 | Retag questions |
| 1000 | Show total up and down vote counts |
| 2000 | Edit other people's posts |
| 3000 | Vote to close or reopen any questions |
| 10000 | Delete closed questions, access to moderation tools |
| Interactions | |
| MakeQuestion | |
| Wave/Forum | |
| Taxonomy | |
| Tag | |
| SuggestAnswer | |
| Resource | |
| Flag | |
| Like | |
| Mockup | |
| Inheritance | |

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------|
| | |
| Fields | |
| | |
| Constructors | |
| | |
| Methods | |
| CheckPrivilege(privilege) | I don't know if its easier to store each users privileges or to determine on the fly...either way works for me. |
| | |

16F SEO

| Description | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| I don't know how this is done but we want to index the questions and resources so that they will appear in Search Engine results that contain QuestionText, PossibleAnswer, Category and Tags key words. | |
| Give Higher weight to questions with more answers | |
| Interactions | |
| Question | |
| Resources | |
| | |
| Mockup | |
| Inheritance | |
| SEO Checkilist | http://drupal.org/project/seo_checklist |
| SEO Compliance Checker | http://drupal.org/project/seo_checker |
| SEO Friend | http://drupal.org/project/seo_friend |
| Fields | |
| QuestionText | |
| PossibleAnswers | |
| Categories | |
| Tags | |
| Constructors | |
| Cron | |
| Methods | |
| IndexSite | |
| | |

SUBSCRIBE TO POLITICAL DATA (RSS AND API)

| Description | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| The following RSS Feeds and APIs will create questions with Predefined Categories: | | |
| Site | Feed/API | Categories |
| http://www.govtrack.us/developers/api.xpd | Bills Index | US, Politics, Legal |
| http://www2.parl.gc.ca/SITES/LOP/VIRTUALLIBRARY | Legislative Summaries | Canada, Politics, Legal |
| http://services.parliament.uk/BILLS/ | RSS feed for Bills before Parliament | UK, Politics, Legal |
| http://www.aph.gov.au/library/rssbd_feed.xml | Same | Australia, Politics, Legal |
| ***For US: Create Tags based on the following (http://www.govtrack.us/congress/subjects.xpd) | | |
| The following RSS Feeds and APIs will populate Answers to questions by the politicians (Need to Xref BillIDs and Congress/MP IDs from the feeds) | | |
| Site | Feed/API | |
| http://www.govtrack.us | http://www.govtrack.us/users/events.xpd?monitors=misc%3aallvotes | |
| http://www2.parl.gc.ca/housechamberbusiness/ChamberVoteList.aspx?Language=E | http://www2.parl.gc.ca/housechamberbusiness/ChamberVoteList.aspx?Language=E&Mode=1&Parl=40&Ses=2&FltrParl=40&FltrSes=2&VoteType=1&AgreedTo=True&Negated=True&Tie=True&Page=1&xml=True&SchemaVersion=1.0 (There are individual feeds for each bill with the MP votes) | |
| Interactions | | |
| Question | | |
| Profile | | |
| History | | |
| Mockup | | |
| Inheritance | | |
| | | |
| | | |
| | | |
| Fields | | |
| | | |
| Constructors | | |
| | | |
| Methods | | |
| | | |
| | | |

EMAIL POLITICIANS

| | |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Description | |
| Send a predefined email to politicians containing data based on users in constituency | |
| Interactions | |
| Question | |
| Reports | |
| Mockup | |
| Inheritance | |
| Congressional District Look-up API | http://www.govtrack.us/developers/api.xpd |
| | |
| | |
| Fields | |
| ZipCode | |
| Constructors | |
| Cron | |
| Methods | |
| SendPoliticianEmail | |
| | |

17 SOCIAL NETWORKING

FACEBOOK INTEGRATION

1. Post New Question to Wall
2. Post Answer to Question to Wall
3. Invite Facebook friends to answer question
4. View how Facebook friends have answered questions
5. View questions answered by Facebook friends
6. Facebook Apps version of Heard Mentality

TWITTER INTEGRATION

1. Post New Question
2. Post Answer to Question

| Drupal Modules | |
|---------------------|---------------------------------------------------------------------------------------|
| Facebook Connect | http://drupal.org/project/fbconnect |
| Drupal for Facebook | http://drupal.org/project/fb |
| Twitter | http://drupal.org/project/twitter |
| Shorten URLs | http://drupal.org/project/shorten |

USE CASES

PERMISSIONS

| | Anonymous | User | Moderator 1 | Moderator 2 | Admin |
|----------------------------------|-----------|------|-------------|-------------|-------|
| Create Profile | X | | | | |
| Edit Profile | | X | X | X | X |
| View Profile | X | X | X | X | X |
| Search User | X | X | X | X | X |
| Follow User | | X | X | X | X |
| Search Question | X | X | X | X | X |
| Create Question | | X | X | X | X |
| View Question | X | X | X | X | X |
| Answer Question | | X | X | X | X |
| Post to Forum | | X | X | X | X |
| Change Answer to Question | | X | X | X | X |
| Invite People To Answer Question | | X | X | X | X |
| View Results of Question | X | X | X | X | X |
| Like post | | X | X | X | X |
| Flag Question or Forum Post | | X | X | X | X |
| Social Bookmark Question | X | X | X | X | X |
| Add Category/Tag To Question | | X | X | X | X |
| Delete Question | | | X | X | X |
| Suggest New Answer | | X | X | X | X |
| View Gurus | X | X | X | X | X |
| Create Mashup | X | X | X | X | X |
| Download Raw Data | | X | X | X | X |
| Add Resource | | X | X | X | X |
| Donate | X | X | X | X | X |
| Translate Page | X | X | X | X | X |
| Moderate User | | | X | X | X |
| Moderate Question | | | X | X | X |
| Build Category Tree | | | X | X | X |
| Manage Politian Account | | | X | X | X |
| Moderate Moderator | | | | X | X |

 With [Privileges](#)

USER

CREATE PROFILE

1. New user clicks create profile
2. Use OpenID to log in users
3. Default user role assigned
4. Optional: User enters profile attributes.
5. Human verification: captcha
6. User is offered to invite friends

EDIT PROFILE

1. While logged in, user clicks edit profile
2. User modifies profile info (add, update, delete) (ensure no dupe email address)
3. Confirms changes

VIEW PROFILE

1. Select user name to view profile
2. Open Profile Page of User

SEARCH USER

1. Enter name and/or handle into single search box
2. Display results based on relevance and user popularity

FOLLOW USER

1. Click follow user button on the Profile or Answer page

SEARCH QUESTION

1. Enter question keyword into search box
2. Display results based on relevance and popularity

CREATE QUESTION

1. Click create new question
2. Enter question text
3. Enter possible answers
4. System searches to see if similar questions exist (Use search functionality with question and answer text)
5. Display search results to user
6. If user finds similar question (end), else user clicks continue.
7. Add additional notes to question
8. Assign tags/categories to question
9. Optional: Add voting restrictions to question (i.e. expiry, users must live in x area, etc)
10. Notification is sent to all followers

VIEW QUESTION

1. Click Question
 2. Open Question page
 3. Optional : User can follow question and will receive notifications when new forum is posted
-

ANSWER QUESTION

1. Question page is open
 2. Click answer radio button
 3. Register vote and profile attributes
 4. Optional: If users [Question Privacy](#) setting are set to prompt, then display prompt message
-

POST TO FORUM

1. Question page is open
 2. User selects thread to post to
 3. User enters forum post text
 4. User submit
 5. Users vote is displayed with his user badge in forum
 6. Notification is sent to all followers
-

CHANGE ANSWER TO QUESTION

1. User is on a question they have previously answered
2. User changes answer (i.e. selects another radio button)
3. Register vote and profile attributes
4. Optional: If users [Question Privacy](#) setting are set to prompt, then display prompt message

*Note: if user previously shared answer and now isn't, we may need special rule here if not too complicated

INVITE PEOPLE TO ANSWER QUESTION

1. User is on the Question or Answer page
 2. Click invite button
 3. Options: Email Invite, Facebook Invite, Twitter Feed,
 4. Write text in invite
-

VIEW RESULTS OF QUESTION

1. Default graph is Pie showing Total Answers % and Total Answer Count
 2. Choose Graph Type: Bar, Pie, Sparkline (time sequence), Heat Map
 3. Choose Dimensions: Any profile attributes (ex: Age, Sex, Location, Religion, etc)
-

“LIKE” POST

1. Click the “Like” button next to post (like Facebook)
 2. Notification is sent to all followers
 3. Guru points scored for poster
-

FLAG QUESTION OR FORUM POST

1. Click the “Flag” button next to question or Forum Post
2. Worklist item is created for admin

SOCIAL BOOKMARK QUESTION

1. Add Social Bookmarking gadget to Question page template.

ADD CATEGORY/TAG TO QUESTION

1. Click add Category/Tag button
2. Type new tag (dynamic search of existing tags like Google Suggest) or user can find tags through tree structure.
3. Loop until done

DELETE QUESTION

1. User is logged in as Admin
2. User views list of created questions
3. User clicks delete button next to question
4. Confirmation
5. Delete all entries

SUGGEST NEW ANSWER

1. Precondition: Question must be active/created
2. User is on the Question Full page
3. User selects Suggest New Answer from the actions dropdown.
4. Display all other suggested answers with the number of votes for them with the option to vote for already suggested answer OR option to enter a free text of a new suggested answer
5. Remember and display the user's previous suggested answer.
6. Do not allow the user to answer a question if he has suggested a new answer.
7. Allow user to change the answer.
8. When the suggested answer votes reaches X% of the total answers, then suggested answer is promoted to a real answer with all of the votes associated.
9. Send a notification to those suggesting and question author.

VIEW GURUS

1. User clicks on Guru
2. User refines categories and tags for desired guru
3. System returns profile results based on user scores in refinement

CREATE MASHUP

1. User is on Question page
2. User clicks create mashup button.
3. User defines size of mashup
4. Maybe: Different stylesheets?
5. Create iframe code to cut and paste

DOWNLOAD RAW DATA

1. User is on Question page
 2. User clicks download raw data
 3. Select dimensions to download (location granularity)
 4. Upload csv
-

ADD RESOURCE

1. User select “add resource” button
 2. User selects: resource type: In the News, Multimedia, facts
 3. If in the News, user enters URL of news site
 4. If Multimedia or Facts, user selects media type: Web Video (i.e. Flash – like YouTube), Video File, Podcast, PDF, DOC, PPT.
 5. If **Webvideo**, user enters embed URL
 6. If PDF, DOC, PPT system interfaces **with Scribd API** and handles upload
 7. If video, TBD...
-

DONATE

- Best Practices – Pay Pal
-

TRANSLATE PAGE

- Install Google Translate Plugin
-

ADMIN

OVERVIEW

- Admin panel is accessible from a top level nav-link that is available for users with administrator roles.
 - Admin panel has two boxes: a list of administrative notifications; a full view for the selected notification, which we’ll call the Administrator task workflow
 - The admin panel is designed to allow administrators to quickly respond to notifications.
-

NOTIFICATIONS LIST

- Formatted identically to a normal notifications list.
 - Each notification displays a short text summary of the notification.
 - E.g. “Jenny33 reported Bob65’s forum post as abuse: ‘there’s no need to curse so much here!’ ”
 - Highlighting the notification opens a full view in the admin task workflow (right hand region)
-

ADMINISTRATOR TASK WORKFLOW

- A full interface view of the highlighted notification. The elements of the interface are determined by the task type, e.g. abuse report.
- Standard elements appearing for most tasks include:
 - User who did the reporting
 - Summary of anything notable about them; # of report; whether they’ve been reported

- User who is the subject of the report
 - Summary of anything notable about them; # of reports on them; their score
- Content of the task/incident, including explanation by reportee
- Administrators have the option to **defer a notification**. The options for deferral of notification are:
 - “I’ll complete this one later, within 48 hours.”
 - “I would rather not complete this notification. Can someone else do it?”
 - “This notification should be referred to a higher authority. It’s a sensitive issue.”
- Links to originating pages and content that precipitated the task.
- A set of decision buttons associated with the task type.
 - E.g. buttons for ‘abuse’ type: ‘validate abuse: remove content’, ‘deny abuse’.
- A text box for the administrator to leave comments on their decision.
- Submission of the task triggers a set of actions and/or notifications, depending on the task type, and the decision issued. Types of consequences include:
 - Notify reporter and/or reportee of the outcome
 - Remove revoked content from the site, and all child elements (e.g. forum replies)
 - For sensitive issues (e.g. ban user), the task must be validated by a super admin user.
 - Site credits may be awarded to a conscientious reportee
 - Detailed notifications may be issued explaining site guidelines.

OBJECT MODEL FOR ADMINISTRATIVE TASK – 4 COMPONENTS

- **Trigger** – An event that when satisfied fires an instance of an Administrative task
 - Input: user id (may be an admin) of user who triggers; task type; explanation;
 - Output: new admin task is queued for an admin user
- **Workflow** – Sequence of steps for the resolution of the admin task
 - Input: an admin task with an admin user who is assigned the duty of resolving the issue under certain constraints (e.g. time constraint)
 - Output: A set of actions the admin user can take to satisfy the workflow. There are optional and required steps. Each workflow step may be marked as completed by ticking off, by entering a comment (i.e. what we found looking up that user), or the step may not require any action by the admin user.
- **Decision** – A response given by the admin user, intending to resolve the issue
 - Input: An admin task, admin user id, workflow output, task type defines the decision options.
 - Output: response by the admin may be a binary decision, may include a comment, may include multiple comments (e.g. internal, external comments).
- **Consequence** – Changes to the HM system caused by a decision at the previous step.
 - Input: admin task, admin user id, admin decision
 - Output: one or more actions that can change parameters affecting any object in the system

LIST OF ADMINISTRATIVE TASKS

MODERATE USER

User question or forum post has been flagged X times

1. Send warning message
2. Suspend User

MODERATE QUESTION

Question has been flagged by user or new question or question has been inactive for X time

1. Display question
2. Optional: Send notification to question author re: possible modification
3. Delete question OR leave question OR modify question
4. Notification to all Answerers re: Modifications or Delete

POSSIBLE DUPE QUESTION

1. Display all possible dupes
2. Options: Leave question as is OR Merge Question (merge is smallest number answered into larger number answered)
3. Notifications to all answerers re: Merge

BUILD CATEGORY TREE

1. When X number of questions fall into a category, then worklist is created to split the category into subcategories
2. Admin Spills Category (Parent category survives and new subcategories are created.)

MANAGE POLITICIAN ACCOUNTS

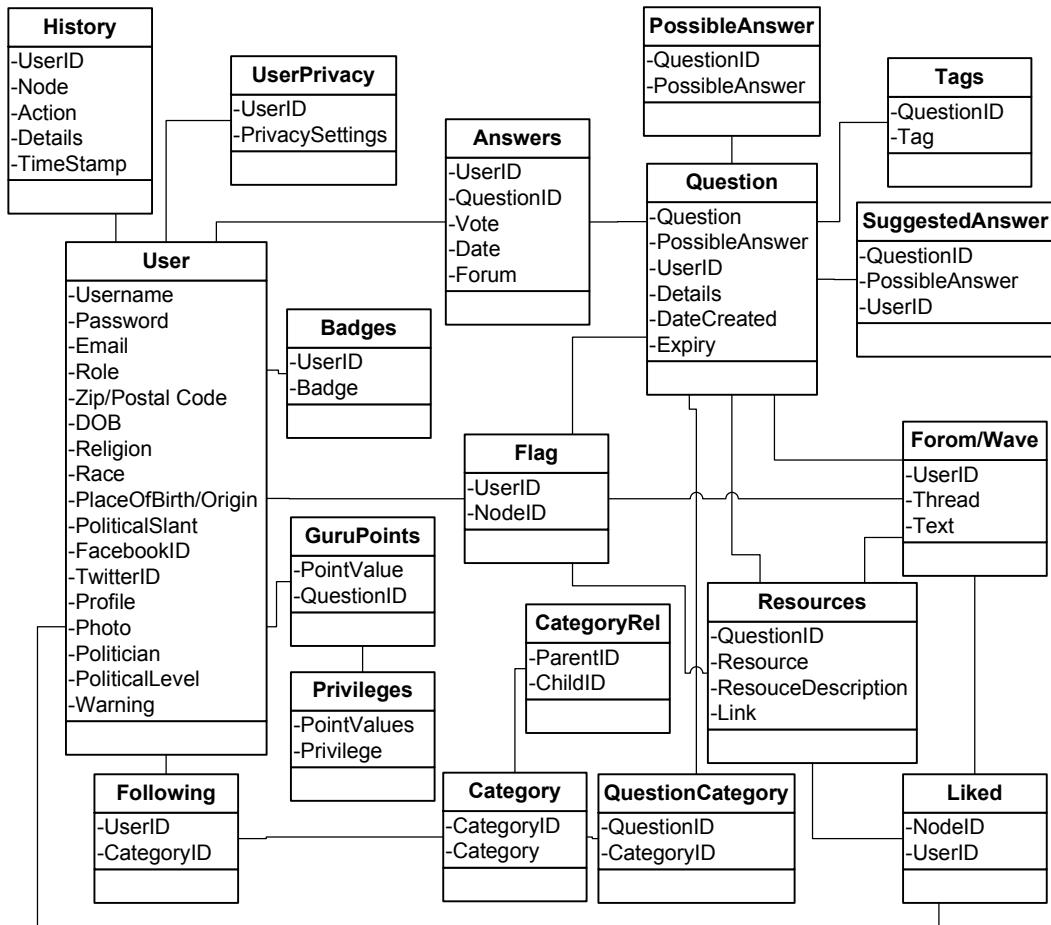
- Future Phase
- Ability to create dummy users that have the profile type of Politician (other profile type is regular) – A feature automate this from the RSS feeds might be nice but not required.
- Ability to assign real votes in Congress that the “Real” Politician made on a bill. Ideally this would be automated by the RSS feed that contains the vote (see [RSS](#))
- Ability to merge the “Real” Politician with the Dummy Politician user. This occurs when the “Real” Politician becomes a user of Heard Mentality. The merging and verification that this is really the Politician will be a manual process by the admin.

MODERATE MODERATOR

- Future phase – not required

SYSTEM

CONCEPTUAL DATA MODEL



FUTURE CONSIDERATIONS

- Ability to translate each individual forum post – We will need to tag each forum post with the input language - this way dialogue can occur between multiple languages
- Adhoc reporting (jasper reports)
- Mobile/iPhone App
- Ability to load Government Budgets into the question component
- Groups
- Raw Data
- Politician