

## **1. Scope of work (iPhone and iPad app development):**

### **I - Design:**

- 1) Splash Screen.
- 2) Home Screen.
- 3) My Idea Group Lists Screen.
- 4) Idea List Categories Screen
- 5) Category Screen.
- 6) Idea Screen.
- 7) Search Screen.
- 8) Search Results Screen.
- 9) Favorites Screen.
- 10) More Ideas Screen.
- 11) Idea Group Details Screen.
- 12) Help Screen.
- 13) Info Screen.
- 14) Create Ideas Screen.

### **II - Front End Features:**

- 1) Splash Screen:
  - It will be displayed when user opens the app. It will be displayed for 2 seconds.
  - If user touches anywhere on screen then he will be taken to next screen immediately.
- 2) Navigation Bar:
  - There are four shortcut buttons -
    - a) Search.
    - b) Favorites.
    - c) Help.
    - d) Info.
  - These will be shown on all screens at the bottom.
- 3) Home Screen:
  - This screen will have three buttons -
    - a) My Idea List.
    - b) More Ideas.
    - c) Create Ideas.
  - User can tap on any button to go to its respective screen.
- 4) My Idea Group Lists Screen:
  - This screen shows the list of idea groups. Each list item shows image and name of idea group.
  - User can tap on any idea group to view categories of that idea group.
  - Some idea groups are locked when app is first installed and user needs to purchase idea group to view it.
  - When an idea group is locked a 'Lock' icon is showed in front of idea group. An 'Unlock' button is also provided in front of every locked idea group to purchase that idea group.
  - The list is scrollable.
  - In app purchase of pre-installed locked ideas thus does not require any download only change the state/field on the db.
- 5) Idea List Categories Screen:
  - A random idea is shown at the top from idea group.

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- List of Category titles will be shown on this screen.
  - User can tap on any category to view list of ideas from that category.
  - List is scrollable if more categories are more than page height.
  - Tap on 'Back' button to return to My Idea Group Lists screen.
  - Idea list need to be on device database for the app. i.e. idea lists and ideas are not web objects that require web access.

6) Category Screen:

- It shows list of idea titles from chosen category from Idea List Categories Screen.
- User can tap on idea to view details of that idea on Idea Screen.
- List is scrollable if more ideas than screen height.
- User can tap on 'Back' button to return to Categories Screen.

7) Idea Screen:

- This screen shows details of idea chosen by user to view.
- The Number of Idea and title is shown at the top.
- A star is shown near idea title to indicate if idea is added to favorite or not. User can tap on this star to add or remove the idea from favorite.
- Idea is shown using four collapsible sections –
  - a) Description.
  - b) Variations.
  - c) Notes.
  - d) Tags.
- User can tap on any tag added to idea which brings up idea search results screen showing ideas with the same tag as that of tapped by user.
- User can swipe left to go to previous idea. User can swipe right to go to next idea.
- Navigation Bar is shown on this screen.

8) Search Screen:

- Comes up when search icon is clicked.
- There are two types of searches –
  - a) Keyword Search.
  - b) Tag search.
- A text box is given at top for user to enter keywords for search.
- Below to it the list of tags is given which is ordered alphabetically.

9) Search Results Screen:

- Shows title of ideas that came up in the search result.
- User can tap on any idea title to go to Idea Screen.
- If idea is from a locked idea group then a 'Lock' icon is shown in front of idea and that idea is not opened in Idea Screen. Rather user is shown with the screen to purchase that idea group using in app purchase.
- The search textbox is also given on this screen.
- Results page is scrollable.

10) Favorites Screen:

- Shows favorites list with idea title of favorite ideas.
  - User can tap on idea title to view that idea in Idea Screen.
  - Edit button in front of idea allows user to enter new position for idea to rearrange ideas.
  - Delete button allows user to remove idea from favorites list.
  - List is scrollable if larger than screen height.
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11) More Ideas Screen:

- This screen lists idea groups that are locked. The list shows Image, Title and Price of idea group.
- User can tap on any idea group from list to view group info.
- Leads to an update on the user's device app database to add the list to the available lists.

12) Idea Group Details Screen:

- This screen shows details of idea group for idea group from More Ideas Screen.
- It shows idea with Title, Description, Price and 'Download Now' button.
- If idea is already purchased then "installed" is shown on this screen and "Download Now" button is disabled.
- As ideas are fetched from database all the time, whenever new ideas are added then user don't need to update to any new versions.
- List is scrollable if larger than screen height.

13) Help Screen:

- This screen shows help content.
- The content is shown using html pages.
- This is a static content screen with only help text on the screen.

14) Info Screen:

- This screen shows information of app using html content.
- There is also a 'Rate it' button. When user taps on that button then he is taken to iTunes where he can rate the app.

15) Send to Button:

- When user is on Idea Details page and taps on 'Send' shortcut button, then he will be presented with following options –
  - a) Send to Email.
  - b) Share on Facebook
  - c) Share on Twitter.
  - d) Cancel.
- Send to Email will provide user with option to send that idea by email.
- When user taps on 'Send to Email' button from Send Shortcut button options, compose email window will open.
- When Compose Email window opens, the Subject of email will be filled with Title of idea, the body of email will be filled with details of idea.
- User can then send this email to any recipient.

16) Send To Email:

- When user taps on 'Send to Email' button from Send Shortcut button options, compose email window will open.
- When Compose Email window opens, the Subject of email will be filled with Title of idea, the body of email will be filled with details of idea.
- User can then send this email to any recipient.

17) Share on Facebook:

- User can share an idea on Facebook using 'Share on Facebook' options from 'Send' shortcut button.
  - User will enter his Facebook account details and then tap on Share button.
  - Then that idea will be shared on the Facebook account of user.
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18) Share on Twitter:

- User can also share an idea on Twitter also by using 'Share on Twitter' option.
- User will enter his Twitter account details and tap on Share button.
- Then the idea will be shared on the Twitter page of user account.

19) Create Ideas Screen:

- User can create his own idea using this screen.
- User will enter the details of idea and will select the idea group and category for that idea.
- Then he can save that idea which will be available for him to view under My Ideas.
- User creates ideas on local device app DB and not saved to server or monitored.

20) Push Notifications:

- User can receive push notifications sent by Admin.
- The push notifications will be shown in the notification bar of the device.

21) In-app purchase:

- User can purchase idea groups from in-app purchase.
- When user purchases idea groups then user can see categories and ideas from that idea group.
- We will integrate in-app purchase functionality for purchasing idea groups in the app.
- In app purchase of pre-installed locked ideas thus does not require any download only change the state/field on the db.

### **III – Web Services and Database Creation:**

- 1) We will create the database required to store the data.
- 2) We will create the web services to connect to the database.
- 3) The database will be used for app and all the data required by the app will be fetched from the database
- 4) We will be using PHP and MySql for the web services and database.

### **IV – Backend Features:**

- 1) We will provide backend functionality for Admin where admin can create new idea groups, idea categories and ideas from backend.
- 2) Admin can also edit idea groups, categories, and ideas from backend.
- 3) Admin can also delete idea groups, categories, and ideas from backend.
- 4) Export idea list to csv format file.
- 5) Admin can send push notification to users.

### **V - Testing and Bug Fixing:**

- 1) Alpha Testing
  - 2) Unit/Integration Testing
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**2. Project Deliverables:** (With reference to the aforementioned scope of the project)

- Source code
- Database

**3. Responsibilities of client:**

- To provide approval about configured design and developed functionality of the application on timely basis.
- User acceptance testing and provide feedback (Maximum turn-around time: 3 Business Day).
- To provide timely and necessary information as & when required.
- To provide the Logo/image/text/content for the app.

**4.** We will provide one mock up and two revisions for the approval of the design purpose.

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