Ideazones

Home Tap:

Home Screen:

1. Swipe Idea Card View
   1. Show idea image, title, summary, and author.
   2. Swipe left and right to see previous and next idea.
   3. Click the card will expand idea and see the detail of idea -> Expand view.
   4. Click author will link to author detail page.
   5. Click like button will add user id in idea’s like array.
   6. Click favorite button will add user id in idea’s favorite array and also add in user’s favorite array.
   7. Click comment button will go into expand view and see comment.
   8. Click search bar on the top will go into search page.
   9. Click Sort By button will go into sort by page, choose sort by method will go back to home page and ideas will be rearrange order
   10. Click Challenge button will go into challenge page, click all will go back to home page and show all idea, click each challenge item will show full challenge description, then click select button will go back to home view and see all ideas with that challenge.
2. Idea Expand View
   1. Can see bigger image, title, author, summary, description, button bar and comment and reply.
   2. Swipe left and right to see previous and next idea.
   3. Comment input box can input comment and click submit, the comment is going to show on the bottom.
   4. Click reply button on corner of comment, comment box will hide and reply box will show. User can input reply in reply input box and submit, reply will show inside comment box.
   5. Click back button on top left, it will go back to card view.
   6. Click search bar on the top will go into search page.
3. Search Page
   1. Input keyword in search input bar, wait for one second, results will show.
   2. Results include: Ideas (title match keywords), Author (author name match keyword).
   3. Click idea item in result will go into idea detail page.
   4. Click author item in result will go into author detail page.
   5. Back button on top left will go back to previous page.
   6. Every time go into search page, keywords will be clean.
4. Ideas page
   1. Click tab-ideas button will go into ideas page.
   2. Click me/team/favorite buttons will see my ideas, team ideas and favorite ideas.
   3. In my ideas tab, click idea item will go to idea edit view.
   4. In team ideas and favorite ideas options, click idea will show idea detail page.
   5. Buttons bar’s buttons in idea item function as buttons in home page.
   6. Search bar on top functions as home page search bar.
5. Edit idea page
   1. Click idea item in ideas->my idea tab can get into idea edit page.
   2. Click idea photo is going to pop up 3 options to change idea photo.
      1. Take a photo will put the photo as image photo.
      2. Choose from library will choose photo from your library and put it as image photo.
      3. Use file picker function to find a photo online or upload from your page.
   3. Change content from different input boxes can directly change the content of idea.
   4. Click cross on near file image will delete the file from idea.
   5. Click upload file is going to pop up 3 options to change file attach in idea. Similar to pick image function of idea image, the different is, in pick up file, people can have more options of upload file type.
   6. Click Publish will publish the changes.
   7. Click Cancel will go back to previous page.
   8. Click delete idea will delete idea.
6. Ideas detail page (refer to expand view but without swipe function.
7. New idea page
   1. Click upload image can have three options to put a photo in idea, after finished, photo will show on upload image area.
   2. Input all input boxes show in the pages in order to post ideas.
   3. Click challenge button, challenge view will show, user can choose challenge they want. After this, they will return to new idea page. User can see their option on challenge button.
   4. User can upload their file with three options.
   5. User needs to have idea photo, title, summary, description, challenge type, then, they can publish their idea. If any of these input boxes are not filled and user try to click publish button, there will be an alert box pump out to alert people to fill in all contents.
   6. Cancel button will bring user go back to previous pages.
8. Setting page
   1. Click setting button/icon in navigation tab will go into setting page.
   2. User can see user profile image on the top of all other buttons.
   3. Click profile button can see user’s own profile, help button can go into help page, tutorial videos button can go into tutorial, term an policy button can go to terms and policies.
   4. Click logout button will go back to log in page.
9. Profile page
   1. User can see username on the top of page, and the rest of information on the page.
   2. Click top left back button can go back to previous page.
   3. Click edit image can have three options change profile image.
   4. When user get into profile page, it will automatically show user detail. By clicking team tap, user can see team information. User can click team member on list to get into user’s detail.
   5. Click edit button can get into edit profile page.
10. Profile Edit Page
    1. Edit image button as profile page.
    2. Input all the information and change them.
    3. Save change will keep the changes.
    4. Cancel will bring people back to previous page.

Plug in & Libraries

IDangero.us Swiper

<http://www.idangero.us/swiper/>

Filestack/Filepicker/Angular\_filepicker

<https://www.filestack.com/>

Ionic head shrink

<https://github.com/driftyco/ionic-ion-header-shrink>

Cordova camera

<http://ngcordova.com/docs/plugins/camera/>

Future development

1. Notification function

In the first design of this app, there should be an notification/alarm service included in the app, it includes in app alert and notification of IOS or Android when the app is closed.

There are 5 types of notifications.

<1> someone like your idea

<2> someone favorite your idea

<3> someone comment your idea

<4> your time post an idea

<5> your idea is trending

However, I do not have enough skill and time to finish this function.

1. Activity Log/Team Activity Log

There are two other functions under notification tab, which is self activity and team activity log.

<1> My activity can record all the activity of user. Every time user comment, post, like, favorite, unlike, un favorite, reply, edit, delete idea should recorded into this function, this can help user check their record.

<2> Also, there is another team activity log show team activities on that tab.

1. Backend

There should be a backend for this app, in order to store the information of user and ideas. There are two ways to do it.

<1> API with Practera: Connect the app with Practera php api, so that, the app can be fed by Practera idea information.

<2> Node server with any databases (Postgresql, MongoDB)

1. Ionic 2/ Angular 2

This app supposed to develop in Ionic 2 and Angular 2, but because I do not have enough skills, and also there is not that much example online, I decided to use ionic 1 and angular 1 to develop it. In the future, Ionic 2 and Angular 2 are going to replace 1 version. It is better to develop an app in front.