**Notice Board(Android+IOS) Application**

**Description:**

Notice-board is a marketplace platform where users can discover, buy and sell items. Here users can upload a post about announcements, Events, Traffic-alert, looking for, rental-to-let, reviews, recommendations, news, Citizen-Reporter, Community-Services, Health-Capsule, Science & Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required on Rent, Promotion, Page 3 contents. In order, to use this application user must have a Notice-Board account and be logged into it. This feature is for Notice-Board registered users only and it is not accessible to non-Notice-Board users.

For example, if the user wants to sell two-wheelers then that user can upload the post in the sales, and any user who is interested to buy that vehicle then that user can contact the person who uploaded the post.

**Objectives:**

The main objective of the Notice Board is to make it easy to discover, buy and sell goods. The users(advertisers, recruiters, sellers, property dealers, social workers, etc) can use the Notice Board placement to reach an active community of people who are interested in purchasing products or for those users like job seekers, patients who need treatment, tenants, etc.

Users can post in the categories like Announcement, Event, Traffic-Alert, Looking For, Rental-To let reviews, Recommendations, News, Citizen-Reporter, Community-Services, Health-Capsule, Science &Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required on Rent, Promotion, Page 3. They can contact the user who uploaded the post.

**Scope of Notice Board:**

The Notice Board is a platform that allows their users to upload a post for selling and buying purposes, for announcements like travel plans, openings, etc. The users can upload a post in the given locations(Amritsar, Jalandhar, Ludhiana, Chandigarh, Gurugram) and the interested user can contact the person through a call who uploads the post.

Here user can upload a post on the following categories:

I) Announcement XI) Health-Capsule

II) Event XII) Science &Knowledge

III) Traffic-Alert XIII) Article

IV) Looking For XIV) Jobs

V) Rental-To let XV) Help

VI) Reviews XVI) Sale

VII) Recommendations XVII) Property

VIII) News XVIII) Rental\_Required on Rent

IX) Citizen-Reporter XIX) Promotion

X) Community-Services XX) Page 3

**Specification of the post categories:**

**1. Announcement:**

In this category, users can upload a post about travel plans, opening, launch, or change of location.

**2. Event:**

In this category, users can upload a post about blood donation, wellness/fitness, medical camp, environmental/community, club, restaurant, office, movie, artist, radio, exhibition, competition, show, sale, workshop, religious, and comedy.

**3. Traffic-Alert:**

In this category, users can upload a post about a jam, vehicle stuck, route change, wall of fame, and a signal faulty.

**4. Looking For:**

In this category, users can upload a post about custom, doctor, professional, boutique, or teacher.

**5. Rental-To let:**

In this category, users can upload a post about residential, commercial, paying guest, or industrial.

**6. Reviews:**

In this category, users can upload a post about movies, shows, restaurants, service, products.

**7. Recommendations:**

In this category, users can upload a post about recommendations categories.

**8. News:**

In this category, users can upload a post about local news, state news, regional news, national news, international news, and breaking news.

**9. Citizen-Reporter**

In this category, users can upload a post about awareness, event coverage, illegal activity report, accident, or complaint/grievances.

**10. Community-Services:**

In this category, users can upload a post about blood, plantation, cleaning, donations, medical camp, and meet up for a cause.

**11. Health-Capsule:**

In this category, users can upload a post about Health-Capsule categories.

**12. Science & Knowledge:**

In this category, users can upload a post about Science & Knowledge categories.

**13. Article:**

In this category, users can upload a post about art, causes, comedy, crafts, dance, drinks, film, fitness, food, games, or gardening, health, home, literature, music, networking, others, party, religion, shopping, sports, theatre, wellness.

**14. Promotion:**

In this category, users can upload a post about promotion categories.

**15. Jobs**:

In this category, users can upload a post about job offer, job wanted.

**16. Help:**

In this category, users can upload a post about help categories.

**17. Page 3:**

In this category, users can upload a post about page 3 categories.

**18. Sale:**

In this category, users can upload a post about four-wheelers, two-wheelers, furniture, mobile phone, electronics, pets, books, and others.

**19. property:**

In this category, users can upload a post about for-sale residential, for-sale commercial, for-sale industrial, to-buy residential, to-buy commercial, or to-buy industrial.

**20. Rental-required on rent:**

In this category, users can upload a post about residential, paying guests, commercial, and industrial.

**Scope Of Work of the Notice-Board application :**



**1. Login Process:**

It shows the flow of Login. Where users will be able to log in using their username and password (Using the custom login). Users will not able to access this application without verifying their Identity. If the user doesn't have an account on the application, then first of all they have to register. It also provides facilities where users can log in through (Facebook, and Google). It also contains forgot password feature. When a user enters valid login information then it redirects the user to select categories.

**2. Signup:**

It shows the flow of signup. Here users will be able to Sign up using their custom email id and password. This screen contains the fields like name, phone number, email id, password, select notice board location, private/public profile option(here the user can make their profile public or private), and all these fields are mandatory for the users. After providing the valid details user will get successfully registered and a verification email has been sent to their registered email id. After confirming the verification email the user will get successfully registered and it also redirects the user to the login screen.

**3. Select Categories:**

When the user gets successfully logged-in then the next screen is the select categories screen. It represents the categories selection flow. Here user can select the categories that the user wants to see on the main screen as in tab view.

**4. Custom Notification:**

When the user selects the categories then the next screen is the custom notification screen. It represents the Custom Notification selection flow. Here users can select the Notifications according to categories for example if the user wants to get all post notifications then the user can select all notifications but if wants to get the notifications for a few categories then the user can select particular category notifications.

**5. Main Screen/Home Screen:**

After performing the above process then it redirects the user to the main screen or home screen. It represents the Main screen flow. It contains the main tab as Around me which has a view of the post that is near about user's selected location and it also displays the categories as a tab view that was selected by the user. The User can add a number of tabs on the home page like news, announcements, etc. The home screen contains a filter for location, a side menu options bar, a search bar, a notification icon, and create post icon. In this screen, the user can see their own uploaded post and the post of another user.

**Side menu options of the home screen:**

**5.1 Home:**

It shows the flow of the home screen. It contains all required tabs used for applications like notifications, search, etc. The home screen contains a filter for location, a side menu options bar, a search bar, a notification icon, and create post icon.

**5.2. Create Post:**

It shows the flow of Create Post. It contains all required categories used to create posts like

announcements, Events, Traffic-alert, looking for, rental-to-let, reviews, recommendations, news, Citizen-Reporter, Community-Services, Health-Capsule, Science & Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required on Rent, Promotion, Page 3 contents.

When the user wants to upload a post then the user needs to select a category of post the he/she needs to select a sub-category of the post after this user needs to fill the fields like title, location selection, location(max,100), details about the post and also need to upload a picture about the post.

After filling in all the mandatory fields then the post will get successfully uploaded.

**5.3. Comments:**

It shows the flow of the Comments section screen. It shows the view of all comments that are posted by another user on the post that was uploaded by the user.

**5.4. Notification:**

It shows the flow of the Notification section screen. It shows the view of the notification according

to categories that were selected by the user. This screen contains the create post icon, filter for the location, search icon, and notification icon.

**5.5. My Posts:**

It shows the flow of the My Posts Screen. It contains the history of all posts that were uploaded by the user. This screen contains the create post icon, filter for the location, search icon, and notification icon.

**5.6. Matrimonial:**

It shows the flow of the Matrimonial Screen. This screen contains three tabs that are my posts, inbox, and shortlist. Here the user is able to see the post uploaded by another user and also able to create his/her own post.

**5.7. My Followed:**

It shows the flow of My followed Screen. This view shows the number of posts followed by the user.

**5.8. My Favourite:**

It shows the flow of My Favourite page. This view shows the number of posts liked by the user.

**5.1.8. Settings:**

It shows the flow of the settings screen. It contains the username, Email address of the user, edit profile option (the user can edit the details of the account), Change Password (To change the password of the account), Notification (The user can off and on the notification related to application), Custom Notification (Notification that was selected by the user related to the content), Log Out option.

**5.10. Communicate:**

It shows the flow of Communicate. Which contain three screens Support Index View, Sharing View, and Logout.

**5.10.1. Support inbox:**

This screen represents a support inbox in this screen. Here user can contact the supportive associate if the user faces any problem with the application.

**5.10.2. Sharing view:**

This screen represents the sharing view where the user can share the application on the various social media applications with the non-registered or registered user.

**5.10.3. logout:**

This function represents the logout process from the application. After performing this operation user will be get logged off from the application.

**6. Create Post:**

user can create posts on content like Announcement, Events, Traffic-Alert, Looking For, Rental-To let reviews, Recommendations, News, Citizen-Reporter, Community-Services, Health-Capsule, Science &Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required on Rent, Promotion, Page 3). First of all, the user has to select the category of the post after that user has to select the sub-category for example if the category is an announcement, then the subcategories are travel plan, opening, and change of location. Then the user needs to fill title, location, and details and add a photo, after confirming all these details then the post will successfully upload.

**Example**:

suppose the user wants to create a post on Sale.

1. Select a category sale from the create post screen.



2. Select a sub-category of the sale categories.



Suppose the user wants to purchase a two-wheeler so the user can select a subcategory as a two-wheeler.

3. After selecting the sub-category of the post the user is redirected to the post details/or post description screen.



Here user needs to fill title, location, details, price, model, date, and add a photo, after confirming all these details then the post will successfully upload.

4. User is able to Upload the post after completing the details.



This screen represents the post description screen. The user can see these details while tapping on the post or also can see the details from my posts screen.

**Notice Board's all screens Description:**

**1. Splash\_Screen\_View:**



This is the launch screen of this application. Splash Screen introduces the app and it is usually referred to as the load screen or boot screen.

**2. SignUp :**



This view represents the Signup page. Mainly it contains the name, phone number, email id, password, location, privacy about the profile(like the users want to make their profile public or private)of the users, and terms & conditions of this application. The user has to fill in all these fields and then he/she can able to register on this application. After that user get the verification email on his/her registered email id. After confirming that email then the user will successfully register.

**2. Login Page**



This view represents the Login page. It contains the fields for email id and password and also provides forgot password and remember me options for users. Here users can log in through their custom id and password(id and password that was provided during signup). It also facilitates login through Google and Facebook. If the users do not exist then they can first Signup through the signup option and then they will be able to log in through a custom login.

**3. Forgot password:**



This view represents the Forgot Password page. It contains the fields for the email id and mobile number of the user. If the users forgot their password for login then they can use forgot password option to reset their password. Here they will receive a code on their registered email id or mobile number then they can use that code for login.

**4. Categories Selection:**



This view represents the Categories Selection page. It contains the categories of the relevant content used to post like Announcement, Events, Traffic-Alert, Looking For, Rental-to let, reviews, Recommendations, News, Citizen Reporter, Community Services, Health Capsule, Science &Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required On Rent, Promotion, Page 3. Here user can select the categories that the user wants to see on the main screen as in the tab view.

**5. Custom Notification Selection:**



This Screen represents the Selection of Custom Notification page. Here the user can allow and decline the notification for particular categories. Users can select the notification of the categories like Announcement, Event, Traffic-Alert, Looking For, Rental-To let reviews, Recommendations, News, Citizen Reporter, Community Services, Health Capsule, Science &Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required On Rent, Promotion, Page 3. It shows the view of the notification according to categories that were selected by the user.

**6. Side MenuBar For Option Selection:**



This Screen represents the Navigation Drawer of the content(side menu bar options). The top of the Navigation Drawer contains the profile view of the user like profile picture, username, and user email address, and after this content, it contains different options for the different screens like Home, Create Post, Comments, Notifications, My Posts, Matrimonial, My Followed, My favourite, Settings and for communicate->support index, share, Logout. Here user can select the option to go to a particular operation.

**7. Profile\_View Page:**



This Screen represents a View of the user's profile. It contains the profile picture, Edit Profile Icon(Used to edit the user's details), Change Password option(used to change the password of the user's account), Username, posts(represent the number of posts uploaded by users), follows (shows the posts followed by user), Favourite(Shows the count of posts that liked by user) and also shows the number of categories chosen by the user.

**8. Edit\_Profile Page:**



This Screen represents the Edit\_Profile Page. It contains the following fields registered email id, name, phone number, location, and address of the user and there is an option to make the user's profile public. User can change their name, phone number, and address. If the user makes his profile public(when users upload a post then their personal details like phone number are visible to every user) but if the user makes his profile private (when users upload a post then their personal details like phone number are not visible to every user).

**9. Change\_Password View:**



This Screen Represents the Change password page. It contains two fields one is for the old password and the second is for the new password. After filling in these two fields user can easily change their password.

**10. Search\_View:**



This Screen represents the Search view page. Here users can search the post by categories wise Announcement, Event, Traffic-Alert, Looking For, Rental-To let, reviews, Recommendations, News, Citizen Reporter, Community Services, Health Capsule, Science & Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required On Rent, Promotion, Page 3) and location wise. The user can also apply a filter on the location to see a post of a particular city for example if the user wants to see the post uploaded in Chandigarh city then he/she can apply a filter on Chandigarh with categories wise.

**10.1. Location\_Filter View:**



This Screen represents the Location\_Filter page. Here user can select a particular category post according to a particular location. The user can also apply a filter on the location to see a post of a particular city for example if the user wants to see the post uploaded in Chandigarh city then he/she can apply a filter on Chandigarh with categories wise.

**11. Home\_ Page View:**



This Screen represents the View of the Home page. It contains the main tab Around me which has a view of all posts available in the application. Users can add a number of tabs on the home page like news, announcement, etc. It also contains the notification icon, search and navigation drawer, Location filter, and Post creation Icon.

**12. Post\_Creation Page:**



This Screen represents the post-creation page. Here users can create posts on content like Announcement, Event, Traffic-Alert, Looking For, Rental-To let, reviews, Recommendations, News, Citizen Reporter, Community Services, Health Capsules, Science & Knowledge, Article, Jobs, Help, Sale, Property, Rental\_Required On Rent, Promotion, Page 3). First of all, the user has to select the category of the post after that user has to select the sub-category for example, if the category is announcement then the subcategories are travel plan, opening, and change of location. Then the user needs to fill title, location, details and add a photo, after confirming all these details then the post will successfully upload.

**13. Comments\_View:**



It shows the flow of the Comments section screen. It shows the view of all comments that are posted by another user on the post that was uploaded by the user.

**14. Notifications\_View:**



This Screen represents the notification page. It shows the view of the notification according to categories that were selected by the user. This screen contains the create post icon, filter for the location, search icon, and notification icon.

**15. My\_Post View:**



This Screen represents the My Post page. This view the number of posts uploaded by the user and also views the details of the posts.

**16. Matrimonial\_Page:**



This Screen represents the matrimonial page. This screen contains three tabs that are my posts, inbox, and shortlist. Here the user is able to see the post uploaded by another user and also able to create his/her own post.

**17. My\_Followed Page:**



This Screen represents the My followed page. This view shows the number of posts followed by the user.

**18. My\_Favourite View:**



This Screen represents the My Favourite page. This view shows the number of posts liked by the user.

**19. Settings\_View:**



This Screen represents the Setting page. It contains the username, Email address of the user, Edit profile option(the user can edit the details of the account), Change Password(To change the password of the account), Notification(The user can off and on the notification related to application), Custom Notification(Notification that was selected by the user related to the content), LogOut option.

**20. Support\_Index View:**



This screen represents the Support Index page. Here user can contact the supportive associate if the user faces any problem with the application.

**21. Sharing\_View:**



This Screen represents the Sharing application view. Here users can share this application with other people through Gmail, Facebook, Hangouts, etc.

**22. LogOut\_Confirmation View:**



This Screen represents the logout confirmation page. Users can log out of their profile from this application through this screen.

**23. Add\_Tabs On Main\_Page View:**



This Screen represents the view of adding\_custom tabs on the main screen. There is a (+)icon present on the main screen from where the user can select tabs that he/she wants to display on the main screen as tabs.

**24. Post\_Details View:**



This view represents the details of posts. It contains the title, location, description, posted date(date and time both are available), picture of the post, Report this post(User can report against the post), View Profile (user can view the profile of post uploaded person), Share icon(Used to share the post), liked icon(Used to like the post). It also contains the (+) icon which has two options: call, and comment. The call icon is used to contact a person by calling who uploaded that post and the comment icon is used to post a comment on that post. Here in the comment sections, there are two options available private, and public. If the user chooses a private option for comments then that comments are visible only to him/her and the person who uploaded the post and if the user chooses a public option for comments then that comments are visible to all users of the notice board.