**Requirement Analysis Report for**

**MyFollow Application**

**By,**

**Karan A. Desai**

**Software Developer Trainee**

**Promact Infotech Pvt Ltd.**

* **Analysis of Views and interfaces at the client side.**

Following are the main views for users:

1. **At Startup:**
2. Registration

* **Inputs**:Name, Email, Password, Address Details {like street 1, street 2, city, state, country, DOB, pin and contact no}
* **Buttons:** Submit Button
* **Validations:** Except street 2, all fields are required. There is also validation for valid email input and contact no.
* **Actions:** Clicking submit button, the input data will be stored in database “Users” and will result in a system generated one-time valid verification URL to be mailed to the registered email address. To activate the account, the user needs to click that link from their email. If the verification is successful, the user will be redirected to login page.

1. Login

* **Inputs:** Email and Password
* **Button:** Submit button
* **Actions:** Clicking submit button will lead to an active session of the user and redirect him to landing (home) page of the product list.

1. **After logging in as verified user:**
2. List or grid view of available products

* Will enlist name and image of the product which users can view and follow with a view and follow button.
* Clicking view button will open up the details of the respective product in another view. The details to be shown are the Product name, description, homepage URL, play store URL, app store URL, and platform. This view also contains follow/unfollow button and back button.
* There will be Become Owner button at the top of each view and a logout button also. Clicking become owner button will redirect user to the “become owner” form.
* If User is already the owner, instead of this button, ‘view product list’ and “added products” button will be shown. There are two views “view product list” and “added product list”

1. Become Owner Form

* **Inputs:** Company Name, Founded Year, Description and Company URL.
* **Validations:** All fields are required. There is special validation for URL and year field.
* **Buttons:** Submit Button
* **Actions:** Clicking on submit button will pass the request to the administrator.

1. Administrator View of Owner Requests with approve/reject button

* **Actions:** Admin view will have a list of user details like name, Email with owner form attributes like company name, founded year, description and company URL, along with ‘accept’ or ‘reject’ button against each request. Clicking on accept button will change the role of ‘end user’ to ‘owner’ and provide him the rights to add product and update them thereafter.

1. Add product button

* If administrator approves the end users to become product owners then this view will indicate the same allowing user to add product.
* Owner will be able to add product by clicking ‘add product’ button.
* The owner will have the same view of Product List as it was when he was only ‘end user’. If he wants to see his own products instead, ‘View added products’ button shall be clicked.

1. Add product form

* **Inputs:** Product title, description, platform, app store, play store, and web URLs
* **Validations:**All fields are required and there are other validations especially to validate URLs.
* **Buttons:**Submit
* **Actions:** Clicking this button will store the values to products database and add the product to added product list.

1. Added product list

* As mentioned earlier, the owner will have separate views for other products he can follow/view/unfollow and his own added products.
* The grid view of ‘added product list’ will have update and view buttons against each entry. This list contains only those products which are added by that owner. Clicking on view button will open details of products and clicking on update button will redirect owner to update product form.

1. Update product form

* **Inputs:** Title, Description and Media field
* **Validations:** Title should be less than 140 characters while description should be less than 1000 characters, while maximum 5 media can be added.
* **Buttons:** Update
* **Actions:** Clicking this button, the inputs will be stored in ProductUpdate database and these updates will be added to the product details also.