

## **Criterion F: Product evaluation and future product development**

### **Client Evaluation**

Mr. Sanjeev filled a questionnaire on 8 June 2020.

### **Evaluation of specific performance criteria's outlined in criteria B**

#### **Consistent use of green colour**

The objective has been met. Green has been used as the theme of the app which is seen throughout the app on every screen.

#### **Design a logo and put it on every screen**

The objective has been met. A logo was designed according to the wants of Mr. Sanjeev on Procreate and was put on every screen of the app.

#### **Provide an easy, organised and official way for residents to join the EcoWarriors team**

The objective has been met. A google form was created and attached to a button on the "Join Our Team" page. This is an easy method as the form simply opens up in safari. It is also organised and official as responses are saved in a structured manner.

### **Provide a ways for residents to contact the EcoWarriors team**

The objective has been met. A “contact us” page has been created where residents can contact the EcoWarriors team. They can do so by various methods :

- By calling the phone number provided at the bottom of the home page
- By going to the EcoWarriors office (address given at the bottom of home page)
- By messaging The EcoWarriors team on Instagram by clicking on the Instagram icon

### **Create a customised calendar**

The objective has been met. A calendar has been created that has customised highlighted scheduled dates indicating there is an upcoming meeting or project.

### **Prevent unwanted users from using the app**

The objective has been met. A password has to be entered before someone can launch the app which prevents unauthorised users to enter and use the app. However there is scope of future development to find an alternative for a more secure method.

### **Create a way to view product details**

The objective has been met. There is a section titled, “Products” where product images are displayed as a grid. If someone is interested in any of the products they can click on the picture button to view other details, like the dimensions, delivery status etcetera of the product.

## **Recommendations for future development of the application**

The application has proved to be successful, Mr. Kumar has noted that all problems (criteria A) that he was facing have been solved through this app. Mr. Kumar and I believe that the EcoWarrior team and residents will further benefit by developing the app in the following areas:

### **Adding automatic loop feature to image gallery**

The home page currently has a gallery of 4 pictures that can only be viewed by manually swiping. Users may not notice the gallery and assume that it is a single picture. To solve this, the pictures can automatically be played in a loop. This feature will make the app look more attractive.

### **Call by pressing phone icon**

On “services”, “contact us”, “products” and “about us” page there are various phone numbers. The user of the app may find it inconvenient to copy the phone number on their phone app in order to call. This problem can be solved by making the phone icon a button that has a function of directly placing a call.

### **Creating a more secure system to prevent unauthorised users to access the app**

Currently, after launching the app the user needs to type a password to use the app. This system does prevent unauthorised users from using the app however if the password gets

leaked it can raise privacy and security concerns. A better alternative would be use of biometrics ( thumbprints ) to access the app. Almost all phones now have a fingerprint scanner so this would be the most feasible and secure method to prevent unauthorised users to use the app.

### **Adding cart feature in the “products” page**

Residents have to call the EcoWarriors team to place an order to purchase a product. A shopping cart feature can be added so the users can place an order within the app making it more convenient for the user to purchase an item.

### **Make changes to the contents of the app without having to edit the code directly**

Make a method by which the admin/ my client can update sections like, “Upcoming meetings” within the app itself, without having to edit the code directly on Xcode for more convenience.

### **Make the app for other mobile platforms**

Even though majority of Vipul Green residents have IOS devices, some residents have Android devices too. The app can be extended to other mobile platforms so additional residents can benefit from it's use.

Word count: 397