

Team Name: **Shikkanobish**

App Name: **Fair Files**

### **App Descriptions:**

#### **Viewers Part:**

1.This app shows running and upcoming fairs that are available through the app.

2.After entering a fair the app shows 3 tab

- I. Tab 1: Details of that fair like- name of the fair, organizers,location of the fair, start and end date of the fair, opening and closing time of the fair. Moreover there is a view on google map button which will load a My-map created by admin when the fair is created at admin part.
- II. Tab 2: This is product tab, main part of viewer side. Viewer will see 1st 20 uploaded product at 1st. They can search products by product name or company/author which supports bangla font also. After clicking on a product a dialog will pop up showing the details of the product like- product name, author/company, description, price of the product/book in taka and is the product available now or not. Moreover there are 2 buttons-**a)**View on map- which will show the location of the product if available in google map, clicking on the marking will show the stall name, then clicking on the direction sign at the bottom corner will show the user the path to the product stall from the current location via google map if necessary permission is given. **b)** Favourite- which will save the products into Favorites that will be available in offline.

\*Clicking on the product image will zoom the image.Scrolling will show the product details if they are hidden from the view.

\*Sorting- Products can be sorted by 3 options-**a)**by name[a-z] **b)**by price[low-high] **c)**by availability [high-out of stock]

\*Swiping in the list will refresh the items

- III. Tab 3: Stall tab shows the stalls that will participate in the fair.Users can search stalls by their name in bangla font too.Sorting and swipe to refresh is also available here.

By clicking on a stall will show 2 tabs-

- Tab 1:It shows the details of that stalls like- name, owner and description of the stall
- Tab 2:It shows the products of the stall like previous product tab.

#### **Sellers Part:**

To upload the products and update the stall informations when a fair is created the admin also creates accounts for the sellers in the admin part.Then the fair organizers will distribute the passwords.among the stallholders.

Sample Login: **Username:** stall1 **Password:** stall1

From admin part all users' username and password can be seen.

From the navigation drawer of a fair sellers can sign in through Seller login option.

After logging in there will see 4 tabs-

- I. Tab 1: This tab shows the details (name, owner & description of that stall) and has an edit information option. A seller needs to save his employees and sells informations for future use or for having a good business setup. So a seller can save his employees and sells information that are saved in the app into Pdf files with generation date into android's external storage using 'save employees as pdf' and 'save sells as pdf' button.
- II. Tab 2: It will give the products views as previous one. Moreover the seller can add and edit products directly from the app.
  - The seller can upload product image from the camera or the gallery. To save space the app is now compressing the image and lowering which will be removed in the release version. Without image the app won't allow to upload product now.
- III. Tab 3: This tab will let sellers to save their employees details (name,description,contact no,position,salary ) in the server.As in fairs many employees are temporary or part time employees, this will help sellers to maintain them easily.
- IV. Tab 4: This tab will let sellers to save their sells details (product name,employee name,date,time,price,description ) in the server.Sellers letter can save them as pdf for future use.
  - Sellers can change their password from the app directly.
  - They will have a call & email support while viewers will have only email support.

### **Admin Part:**

To add a new fair and create fair map through Google's my map feature and create accounts for the sellers of a specific app there is a an admin part of the project which is created using JavaFx.

- Admin can auto generate passwords using prefix( the usernames will be prefix+number, starting from 1)
- Admin can save the usernames and passwords as pdf which can be easily supplied to the fair organizers.

### **Additional Features:**

1. The app uses Firebase notification service to notify users when a fair is started or when a new fair has been added.
2. The app uses Firebase crash report api to report the crashes.
3. The app used Firebase remote configuration which will let the admin to change database server without updating the app and change contact supports easily.