**ANDROID DEVELOPERS – STUDIBOOK**

**Application Description:**

* The purpose of this application is to have all the android projects that the students are working on at one place.
* The projects are categorized based on their domains which makes it easier for the students to search and refer to the android projects in the previous semesters.
* Code reference to the projects can be found with one click away which will be redirected to the project GITHUB repository.
* Incase of any queries, the students could directly reach out to the Graduate Assistants by the email or call functionality directly from the application
* Statistical information of various domain related projects is also provided to the students in the form of charts.
* For easy navigation, a menu bar is created to navigate between pages.
* Only instructors (Professor/GA) could be able to add or update the students project information for each ongoing semester.
* This application could be used in the further trimesters for project for student’s reference.

**Activities:**

**Launcher Screen:** This screen is a Home screen which facilitates the students to search for various projects by domains/project name. The project results would appear as follows.

Icon

Description automatically generated **Background pattern

Description automatically generated with low confidence**

When the user clicks on a particular project (which is a hyperlink), detailed information about the project along with the GitHub link, team members(When clicked on a particular team member, his profile would be opened and his contact email would be displayed for students to contact them) who worked on the project and in which semester the project is developed.

Text

Description automatically generated with medium confidence A picture containing diagram

Description automatically generated

Also, a Menu would be displayed on the Launcher screen, when user clicks on 3 dashed icon which is available on top left corner. Menu helps the user to navigate between other screens of application.

Text

Description automatically generated

About us screen: This screen provides the basic information related to the application.

Add on Projects: This screen will be only accessible for instructors to add information about new projects for ongoing semesters. For adding the team members, a popup is displayed where the instructor could enter student information. And multiple team members could be added using + icon.

A picture containing funnel chart

Description automatically generated Graphical user interface, application

Description automatically generated

Graphical Prospect: This screen displays the statistical information of various domain related projects.

Chart, pie chart

Description automatically generated

Help & Support: Information about the Graduate assistant for the current semester will be available in this screen. Students can also call or email the GA from the same screen.

Graphical user interface, application

Description automatically generated

Risk Components:

* We aren’t using any public API’s
* We will be using external dependencies in creating the Pie chart
* Also, Navigation bar is used in building the menu bar
* SQLite database would be used further for CRUD operations