**University Assistant using Flutter**  
**(TEAM D)**

Prabal Tamang (**30349459**) **Product Master/Project Manager**

Bijay Pachhai (**30349029**) **Team Member**

Bijaya Gurung (**30350335**) **Product Owner**

**PROJECT DESCRIPTION**

In this project we are assigned to create a University planner app that is voice activated using Google Assistant. We will analysing what the student would want in an app and what can be done to satisfy them. We will be focusing in creating an app that help the students to know about their class timetables, notify them about coming events and news and we will also focus on creating a colour coordinated calendar for them to keep up with their deadlines and keep track of coming events. We will be using flutter which is a coding platform which supports both android and IOS to provide the students with more versatile app. We will be relying on the local database to help with our app. The students will be able to change the timetables, their personal details and modify the app according to their needs.

**DEFINITION**

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| Key terms | Description |
| Calendar | Calendar contains all the due dates, event dates, and task remainder dates. |
| Notifications | Notification shows classes and deadlines and other reminders |
| Planner | Planner stores a students class schedule, assignment deadlines, and exam time tables. |
| Progress | Progress is basically a report that shows what the student has completed so far. |
| Tasks and events | Tasks and events shows status of task (completed, not completed over due) and status of events. |

**USERS**

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| Users | Brief description of role |
| Students(SD) | A student who is currently studying at the university with valid studentID. |
| Admin(AD) | Admin updates events, timetables and deadlines |
| Database administration (DBA) | DBA manages students data and storage in a local database. |

**PRODUCT BACKLOG ITEMS**

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| Requirements | Conditions of satisfaction |
| SD1: As a user, I want a list of contact details of teachers, it services, | A page with all the contact details of teacher’s email address. |
| SD2: As a user, I want to see my class schedule | A timetable page that shows the user their timetable on weekly basis |
| SD3: As a user, I want the app to notify me about the coming deadlines. | Send notifications a week before the deadline. |
| SD4: As a user, I want to see the upcoming events | Able to see new events and news in the home screen which keeps updating continuously. |
| SD5: As a user, I want to see a calendar | A colour highlighted calendar which shows coming events, exam timetable, deadlines and public holidays. |
| SD6:As a user, I want to update my personal details | Option to go to a separate page to update my details. |
| SD7: As a user, I want to change my login details(password and user namer) | An option within (my details) to change password and user name along with recovery email address. |
| SD8: As a user, I want to access shortcut to voice commands | Long touch option on the screen to enable voice command |
| SD8: As a user, I want to view real-time information on the my public transportation. | A page that shows public transport information from local transportation app. |