



FUNCTIONAL SPECIFICATION

BUZAPP PROJECT SPECIFICATION

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FUNCTIONAL SPECIFICATION

Version Control			
Version	Author	Comments	Date
V1	Marc Jean-Pierre and Sahib Jabbal	First Version of Document	10/10/17
V2	Sahib Jabbal	Second version of Document	24/10/17
QA1	Sahib Jabbal	Reviewed the document	26/10/17

Functional Specification

Capabilities

Nearby Stops –List

- The use must be able to search for bus stops.
 - When the search is pressed it should allow the user to type a bus stop name
 - The user should be able to return to the previous screen with a back button
 - Once the bus stop name is pressed it should display the next 5 buses to that stop in a list
- The recent 5 searches should be accessible to the user in the recent tab
 - This should display the bus stops in a list
 - When the bus stop is selected, the user must be able to view the next 5 buses
- The user should be able to add bus stops to their favourites for easy access
 - This should display the bus stops in a list form
 - Once the bus stop name is pressed it should display the next 5 buses to that stop in a list form

Buses to a Stop List

- The user must be able to add the bus stop from the stop list to their favourites

Journey Planner

- The user must be able to plan a journey
 - The user must be able to select their starting destination
 - The user must be able to select their destination
 - The user must get the departure time and estimated arrival of buses

Calendar

- The user should be able to link the Calendar app to BuzApp
 - The user must be able to view their personalised bus timetable for the day in a table view
 - The location of the user's event selected should be passed to the journey planner

Appearance

Nearby Stops –List

- Three tabs displayed in the header for nearest, recent and favourite stops

Buses to a Stop List

- Button for the user to add the bus stop to their favourites

Journey Planner

- The journey planner must clearly show the departure and arrival bus stops
 - The input boxes must be a search box for the user to input their two locations
 - The result of this search will be in a table below the search box
 - A button to calculate the journey

Calendar

- The calendar should outline the events that the person has for that day
 - The corresponding event should have its location and date / time of event