



CHALLENGES FACED

BUZAPP PROJECT SPECIFICATION

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Version Control			
Version	Author	Comments	Date
V1	Marc Jean-Pierre	First Version of Document	26/03/18
QA1	Sahib Jabbal	Reviewed the Document	26/03/18

Challenges Faced

JSON Parsing

One of the main issues for this iteration was obtaining the information from the Transport API in a useable format. When retrieving information from the API, there needs to be a JSON parse method used to take the JSON data into data that can be used in Swift. However, due to the complex API JSON data there was a challenge of carrying out this activity. However, Marc was able to overcome this by catering to the nested arrays and pulling the information that was needed.

Retrieving Events/ University Timetable.

One of the main issues that Sahib faced with the calendar feature was linked to getting the events from the iOS calendar. This was in regard to obtaining all the events in the user's calendar for the current day. Sahib also had the challenge of converting the University rooms which are abbreviated into readable locations for the API, once this data is passed to the Journey Planner. This challenge was overcome through an if statement that takes the abbreviated room name and assigns it to a location that the API understands.