

## Sprint Review Document

Sprint Number: 1

Review Date: 04/03/2019

### Overall Progress:

General overestimation of group workload resulted in less progress and a tighter deadline for the first sprint. API and network connectivity functionality proved more complex and harder to implement than the team initially predicted. POST request functions were a particular point of difficulty and were not fully implemented by the conclusion of the first sprint.

### Issues:

- API creation and functionality was initially difficult to build.
  - Production of specialised SQL Queries was difficult. None of the queries built were kept in the final committed version.
  - Incorporation of database-end functions and procedures took longer than expected, though was eventually completed.
  - Server issues with the SOCEM server prevented hosting for the first sprint, instead local hosting was used for much of the functionality testing.
- POST requests to the API were difficult to implement, having been left incomplete at the end of the first sprint.
  - Errors with the request body when sent from the desktop application caused issues with the log-in function. Eventually GET was decided on as a temporary measure.
  - The mobile application had functioning POST requests due to the usage of the OKHTTP library.

### Changes to be Made:

- Desktop login functionality to be improved with POST request at a later point.
- Sprints to be re-planned to accommodate heavier workload. Completion dates to be re-estimated.
- SOCEM issues to be discussed with product owner.