JetLAG

SOS
Iteration Plan 1.0

Version 1.0

Revision History

Date	Version	Description	Author
03/11/2022	1.0	First draft	JetLAG team

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Iteration Plan <Iteration ID>

1. Introduction

1.1 Purpose

The purpose of this first iteration is to finish the use cases under 'Account' and 'Course' in section 4 below.

1.2 Scope

This iteration plan covers the implementation plan that the JetLAG team will use to build their SOS software product. This includes mobile and cloud development.

1.3 Definitions, Acronyms, and Abbreviations

See Glossary in Supplementary Specifications Document.

1.4 References

- Use-Case Specifications Document
- Software Architecture Document
- Supplementary Specifications Document - Glossary

1.5 Overview

This plan covers the resources that the JetLAG team will use in the development process, the use case's we plan to satisfy with our product, and the criteria we are going to evaluate our product on.

2. Plan

	Oct. 30 - Nov. 6	Nov. 6 - Nov. 13	Nov. 13 - Nov. 20
Iteration Plan	▨		
Flutter App Frontend	▨	▨	
Gradle Data Broker	▨	▨	
Cosmos DB Backend	▨	▨	
Connect Frontend to Data Broker		▨	▨
Connect Data Broker to Cosmos DB		▨	▨
Final Touches & Submission			▨

3. Resources

- Human Resources:
  - All JetLAG team members: Joe Rubalcava, Luke Staudacher, Andrew Dority, Gavin Kirwan
- Software Resources:
  - Microsoft Azure related services: Azure Devops, CosmosDB, Linux VM (hosted on Azure)
  - Flutter
  - Android Studio
  - Visual Studio Code
  - Git & Github
- Hardware Resources:
  - Personal Computers
  - KU EECS provided computers

4. Use Cases

Below is a list of all use cases (taken from the Use Case Specifications document).

- Account:

- o Create an Account
- o Log into Account
- o Log out of Account
- Course:
  - o Create Course
  - o Edit Course
- Note-taking:
  - o Create Notes
  - o Edit Notes
  - o Share Notes
- Events:
  - o Create Event
  - o Edit Event

5. Evaluation Criteria

- Response time mobile, when using the mobile app, look at how long it takes for the app to do things such as change pages.
- Response time cloud, when using a cloud sync function, how long does it take to successfully send receive data.
- Resource use cloud, are all components associated with cloud functionality using resources the will keep the operation withing the azure student free tier.