

Group Project – Sprint Number 1

(50 points)

Create an architecture for how your application will be implemented. Create an architecture diagram and Component diagram. It should identify where the front-end and back-end will reside and the where each component will reside. Additionally, identify the modules and how they will integrate together.

Your design should include:

1. Orchestration Modules
 - a. How many modules
 - b. Module names
 - c. Module descriptions
 - d. IPO (Input, Process, Output) Charts
 - e. Pseudo-code
2. Task Modules
 - a. How many modules
 - b. Module names
 - c. Module descriptions
 - d. IPO (Input, Process, Output) Charts
 - e. Pseudo-code
3. Utility Modules
 - a. How many modules
 - b. Module names
 - c. Module descriptions
 - d. IPO (Input, Process, Output) Charts
 - e. Pseudo-code

Documents should include:

1. Architecture diagram
2. UML Component diagram
3. Story Boards for the front-end User Interface (UI)