# **CS400: IT Management and Entrepreneurship**

Sprint #2

Semester: First Semester

DEPARTMENT: COMPUTER SCIENCE

LEVEL: YR4

Group Name: Agile Minds

**Group Members:** 

Name	ID
Mohamed Kamara	9020
Mohamed Kabia	7922
Elsie Doris Bangura	7310
Anthony Idrissa Kamara	8140
Sahr Solomon Moiwa	8351
Kadijatu Ibrahim Jalloh	7878
Abdul Karim Koroma	6991

COORDINATOR: ELSIE DORIS

**BANGURA** 

SUBMISSION DATE: 18 December

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# **Team Coordination and Task Assignments**

Assig nee	ID	Email	Task	Dura tion (Day s)	Depen dency	Due Date	Notes/ Peer Evalua tion
Elsie Doris Bangu ra	73 10	elsiebangura3@gmail .com	Team Coordina tion, GitHub Manage ment	7	None	12/18/ 2024	Act as the team lead, ensure all tasks align, and manage the project's GitHub reposito ry effective ly. 92%
Moha med Kama ra	90 20	programmerkamera @gmail.com	Work Breakdo wn Structure (WBS)	4	GitHub Setup (Elsie Doris)	12/18/2024	Create a detailed WBS with timeline s and depende ncies for project tasks. Provide clarity for all team member s.

Moha med Kabia	79 22	kabiamohammed15 @gmail.com	Sprint 1 Task Manage ment (Jira Setup)	3.5	WBS Complet ion	12/18/ 2024	Organiz e Sprint 1 tasks and manage workflo w on Jira, ensurin g proper tracking and assignm ent. 50%
Antho ny Idriss a Kama ra	81 40	anthonykamata000@gmail.com	Sprint 2 Task Manage ment (Jira Updates)	3.5	Sprint 1 Task Manage ment	12/18/ 2024	Manage Sprint 2 tasks and ensure seamles s handove r from Sprint 1 tasks in Jira. 50%
Sahr Solom on Moiw a	83 51	[EMAIL PROTECTED]	Project Documen tation (Full Report)	5.5	WBS Complet ion	12/18/ 2024	Compile project details into a well-structur ed docume nt, includin g plannin

							g, require ments, and delivera bles.
Kadija tu Ibrahi m Jalloh	78 78	kbrahimjalich@gmail. com	Problem Statemen t Finalizati on	4	None	12/18/ 2024	Write a clear and concise problem stateme nt for the project. Refine based on team input.
Abdul Karim Koro ma	6	abdulkarimkoroma84 3@gmail.com	System Require ments & Architect ure Design	5	WBS Complet ion	12/18/ 2024	Define high- level system require ments and architec ture, ensurin g project feasibilit y and clarity.

#### 3. Problem Statement

#### 3.1 Overview

This section provides a clear and concise description of the problem the project addresses. The problem in this case is the inefficiency in agriculture store and inventory management. There is a lack of an organized system to streamline workflows, manage tasks, and facilitate seamless collaboration among stakeholders such as farmers, FROs (Field Resource Officers), and storekeepers.

#### 3.2 Problem Scope

Key Aspects: The project focuses on automating inventory management, order processing, and reporting.

Stakeholders: Farmers, FROs, Storekeepers, Admin users.

Boundaries: The project will not include integration with external third-party systems or advanced AI-based forecasting.

#### **Problem Statement:**

The purpose of this project is to create a management system to streamline workflows, improve documentation, and facilitate seamless collaboration between team members during project development.

#### 4. System Requirements

#### **4.1 Functional Requirements**

The system should allow farmers to log in, view inventory, and request fertilizers. Admin users should be able to manage inventory, approve requests, and generate reports.

#### **4.2 Non-Functional Requirements**

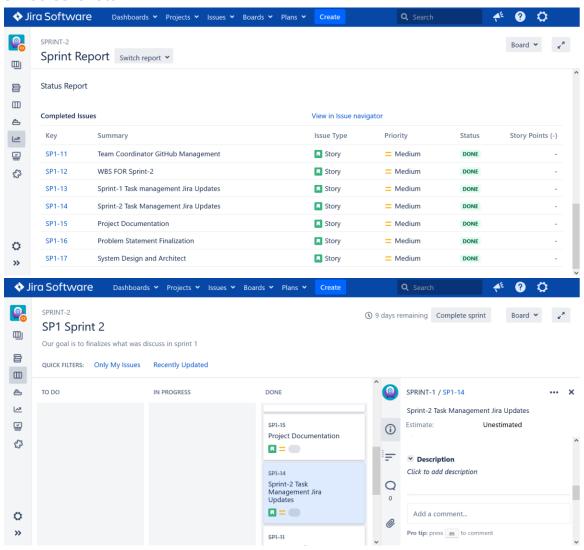
The system should load within 2 seconds for all users on a stable network. The system should handle at least 500 concurrent users.

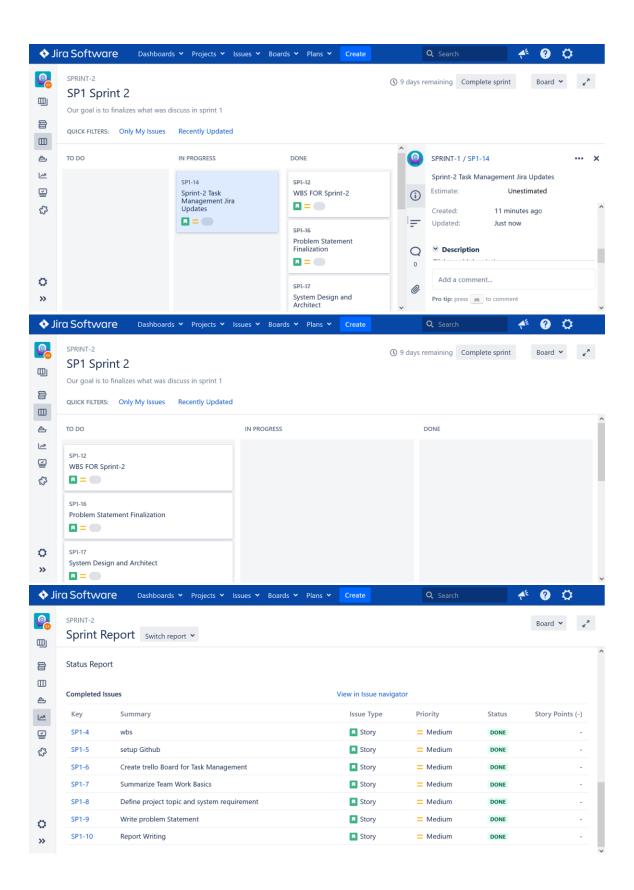
#### 4.3 High-Level Architecture Design

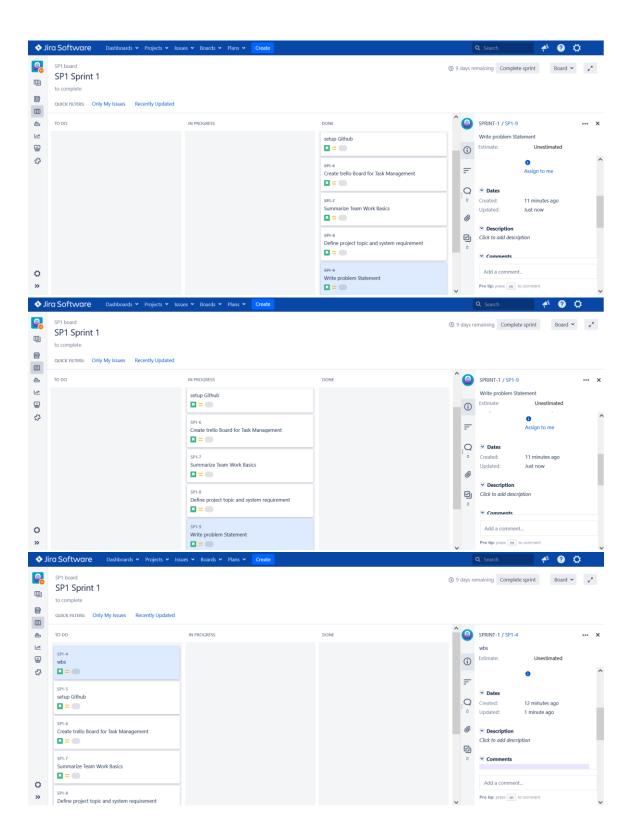
The high-level architecture of the system will consist of a frontend React application that communicates with a Django backend via RESTful APIs. The database (e.g., MySQL) will store data on users, inventory, orders, and reports.

## 5. Appendix

#### 5.1 Screenshots







### **5.2 GitHub Link**

 $\frac{https://github.com/programmerkamara/AgricultureInventoryandStoreManagement/blob/main/README.md$