**Agent Based Covid 19 Vaccine Report Generation**

1. Project Overview
   1. Introduction
      1. Few lines related to project idea
   2. Objective
      1. What you want to achieve from this project?
   3. Deliverable
      1. List of features to be developed according to object
   4. System Requirements
      1. Libraries required, Language, Database server, Agent Framework
2. Design Diagram
   1. Draw design diagram using blocks and describe each box in short.
3. Project Design
   1. List of Operation
      1. User, AHS Admin, Admin access levels
      2. Generate Report, Edit Vaccine Data, Edit User Data
   2. User Interface
      1. Explain all UI screens
   3. Database Management
      1. Users’ data Table & Vaccine data Table
   4. Agent Diagram
      1. Introduction about Agents in the system
      2. Draw Agent Diagram and explain what each agent does.
      3. Explain Each Agent behaviours
   5. Agent Communication
      1. Message Protocol used in Spade
      2. List of Commands
         1. Commands between each agent(See in interaction model)
         2. Each command description and format of data bytes
   6. Operation Flow
      1. Explain with one example