**SEP PG02 meeting minutes**

15:00-16:00, 2nd Aug 2024

Meeting type: The 1st group meeting / The kick-off meeting

Location: Online

* Discussion:

As we mentioned in our discussion with Dr. Amali yesterday, we are confident that our thorough preparation has equipped us well to begin the project “No-Code Solution for InfluxDB - ATSYS”. We are particularly enthusiastic about the project with ATSYS. Over the past week, we have analyzed and discussed the project requirements, thoughtfully planning an initial architecture and identifying the appropriate technology stacks. We have several experienced programmers on industry-standard projects and experienced project managers.

- Here is part of our plan for the project.

1. Tech Stack

\* Front End:

\* Programming language: Typescript

\* UI Library: React.js

\* Framework: Next.js

\* Styling: TailwindCSS & Shadcn UI

\* State Management: zustand / xstate

\* Drag & Drop Flowcharts: React Flow

\* Data Visualization: Grafana

\* Testing: React Testing Library (Jest) + Cypress + Storybook

\* Back End

\* Programming language: Python

\* Framework: Django

\* Time Series DB: InfluxDB + influxdb-client-python

\* Authentication DB: PostgreSQL

\* Containerization: Docker

\* CI/CD: Github Action

2. Agile Team Members and Roles:

\* Product Owner: Angela Q.

\* Scrum Master for First Sprint: Shih-han (Peter) Lin

\* Development Team Members:

1) Zilin Song - a1833935

2) Jen-Hao Liu - a1893169

3) Dang Quy Duong - a1893592

4) Baojing Li - a1894836

5) Shih-Han Lin - a1900715

6) Feinan Guo - a1903270

7) Xiaoqing Zhao - a1904344

8) Hao Jiang - a1907177

9) Ziqi Zhang - a1909438

3. Team Communication Platform: Slack

4. Project Management Platform: GitHub Projects