Capstone Demo 2 Sprint Planning

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Things that need to be done for Capstone Demo 2

1. Design the architecture of our system.
2. Divide subsystems on how the use cases are going to work.
3. Decide on the use cases.
4. Fix previous SRS documentation: like the domain model, use cases, subsystems, traceability matrix
5. **Documentation:**
   a. Add to SRS:
      i. Architectural, structural designs and requirements - The requirements and design documentation should include the architectural design structure of your system. See Chapters 6 in the textbook for reference. You should be able to determine the architectural, structural design of your system. For example, is your system based on N-tier, client-server, MVC, Service-oriented architecture (SOA), Microservices or any other architectural style. Justify your choice(s).
      ii. Constraints
   b. Coding standards document
   c. User Manual
6. Client Meeting about documentation and see if the client is happy with our progress.
7. Plan implementation of requirements/use cases
8. Implementation of use cases.
   a. Front-End: Gian + Byron
   b. Backend: Elna + Phillip
   c. Graph Suggester (IGA): Marco
9. Unit testing front-end and backend
10. Fix documentation as needed.
11. Recording of work.

Weeks:

Sprint 1 (26th June - 2nd July)

26th-28th:
1. Design the architecture of our system.
2. Divide subsystems on how the use cases are going to work.
3. Decide on the use cases.
4. Fix previous SRS documentation: like the domain model, use cases, subsystems, traceability matrix
5. **Documentation:**
   a. Add to SRS:
      i. Architectural, structural designs and requirements
         1. Block Diagram (check)
         2. Deployment Model
      ii. Constraints (check)
      iii. Technology requirements & decisions
      iv. Quality requirements
   b. Coding standards (check)

29th-2nd:
6. **29th:** Client meeting
7. Plan implementation of requirements/use cases
8. Start Implementation of use cases
   a. User interface: Gian

Sprint 2 (9th July-14th July):

9th-14th-
- Study for AI
- Work on use cases that needs to be done front-end and back-end (this is discussed between the sub-groups)

Sprint 3 (17th July-22nd July):

17th-22nd:
- Study for exams (Graphics & Compilers)
- Finish use cases that needs to be done front-end and back-end (this is discussed between the sub-groups)
- Start Unit and Integration testing

22nd:
9. **Documentation finish:**
- User manual

- README update
- Fix documentation and any errors that have been picked up whilst coding
10. Fix any bugs that do occur
11. Finalize everything + Recording