Project Schedule

Open Inventory

Group Number: 5

Mentor: Mr. Sachin Kahawala

Project Title: Inventory Management System for Computer Laboratory

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Project Schedule Overview

Open Inventory

Project Proposal
- Researching on the scope
- Researching on suitable technologies
- Deciding on project direction
- Compiling project proposal
- Project proposal submission

Project Planning Phase
- Researching on feasibility of project
- Compiling Feasibility report
- Feasibility report submission
- Compiling Project Schedule
- Project schedule submission

Project Design Phase
- Compiling SRS
- Compiling Architecture Design
- SRS and Architecture Design Submiss...
- Checklist approval for Mid Evaluation

Development Phase - Backend
- Initial NodeJS/Database Configuratio...
- Role-based access and authenticatio...
- User login and registration implemen...
- Automated email system and socket....
- Labs implementation
- Lab item set and lab item implement...
- Supervisor Management implementa...
- Process of requesting and approving ...
- Lab item handover and receiveing pr...
- Temporary item hand-over process i...
- System integration

Development Phase - Web App
- Initial React App Configuration
- User Athentication Forms
- Role based profile page
- Code review and cleanup
- Administrator- Inviting for roles
- Role creation
- Lab creation
- Lab item adding
- Lab item handover, receive pages
- Temporary handover
- Staff privilege granting pages
- System Integration

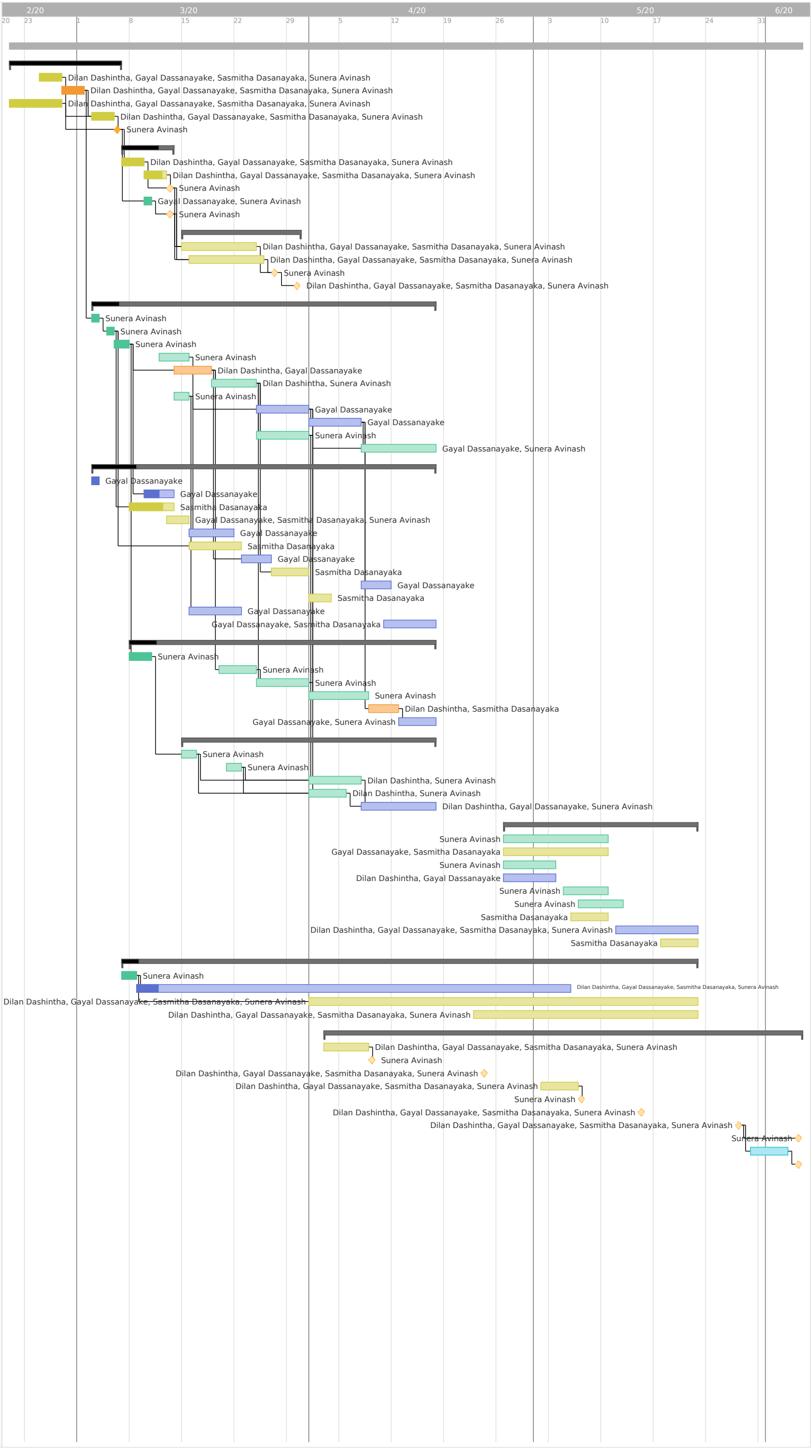
Development Phase - Student Mobi...
- Login implementation (Common)
- Browsing labs implementation
- Adding items into list implementation
- Requesting to borrow items
- History view implmentation
- App finalization

Development Phase - Staff Mobile ...
- Login implementation
- QR scanner implementation
- Temporary borrowing implementation
- Receiving item implementation
- App Finalization

Development Phase - Testing
- (Backend) Unit Testing
- (Web App) Unit Testing
- (Student Mobile App) Unit Testing
- (Staff Mobile App) Unit Testing
- (Backend) Integration Testing
- (Backend) API Testing
- (Web App) UI Testing
- (System) System Testing
- (System) Benchmarks

Development Phase - Documentati...
- Base documentation site creation
- Add API docuementation
- Add usage manual documentation
- Document code and review documen...

Evaluations
- Compiling progress report I
- Progress report I submission
- Mid evaluation
- Compiling progress report II
- Progress report II submission
- Testing plan discussion
- Final evaluation
- Source code submission
- Compiling Final Report
- Final Report submission



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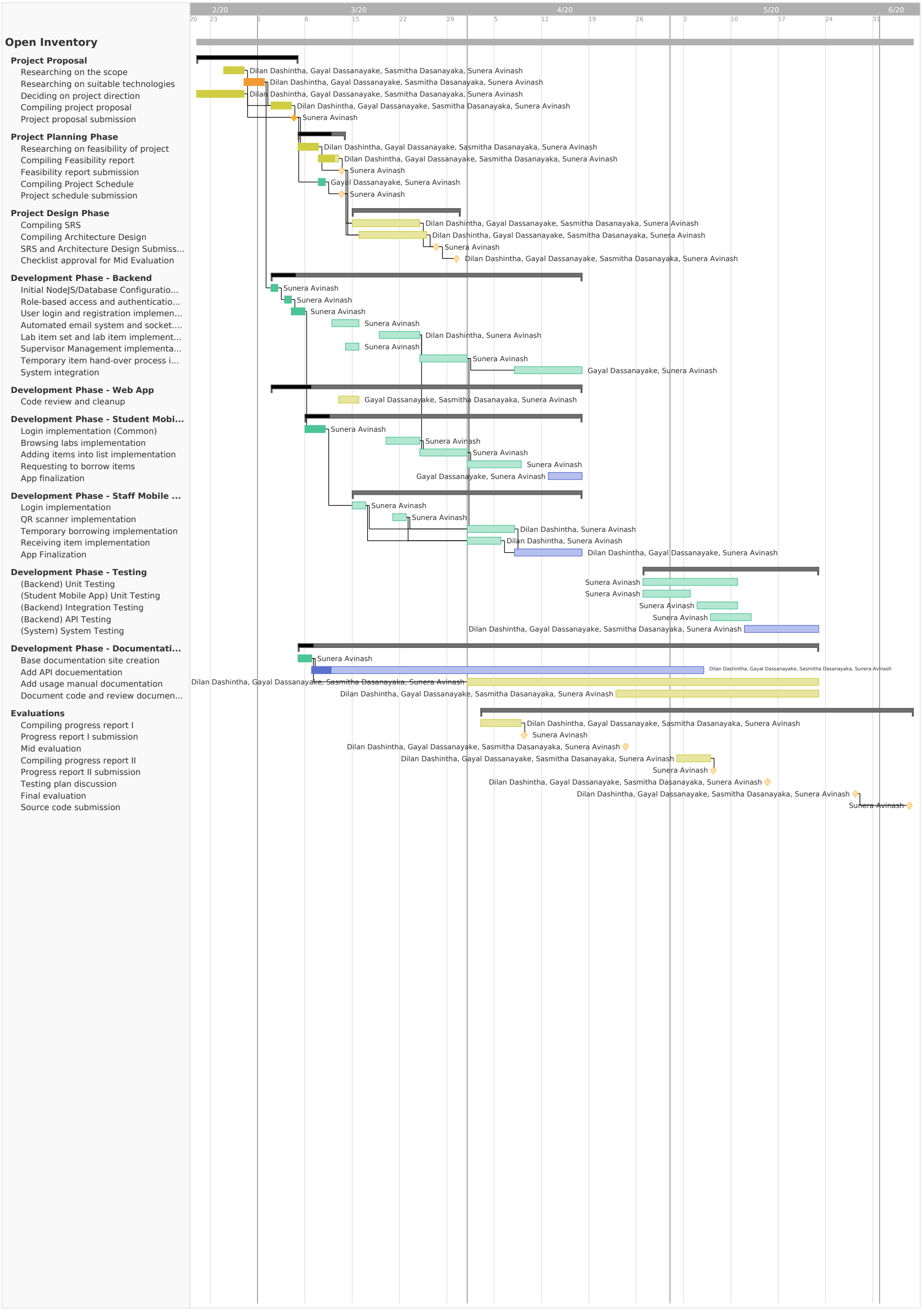
Member schedule - Chandrasiri K.D.S.A.



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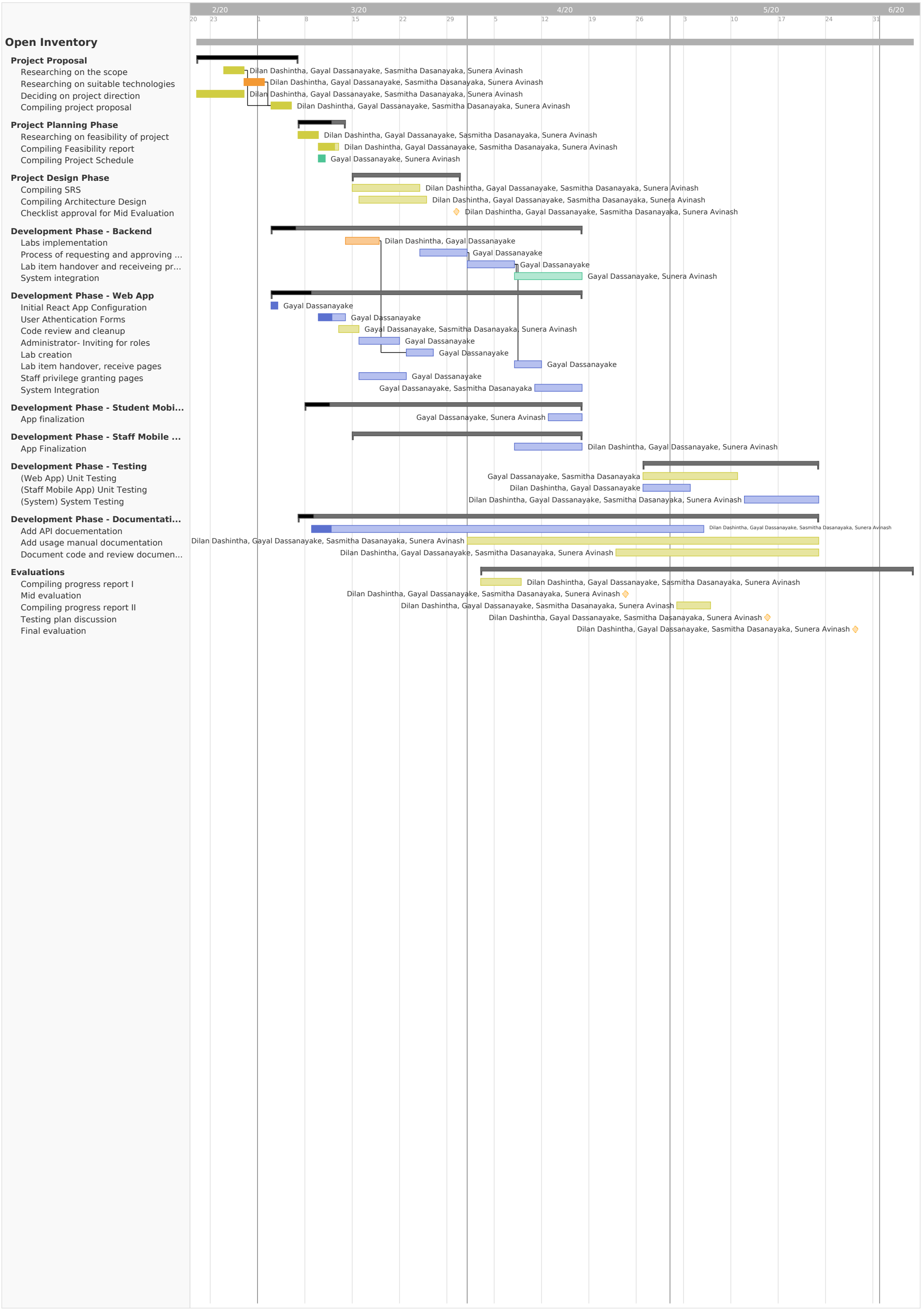
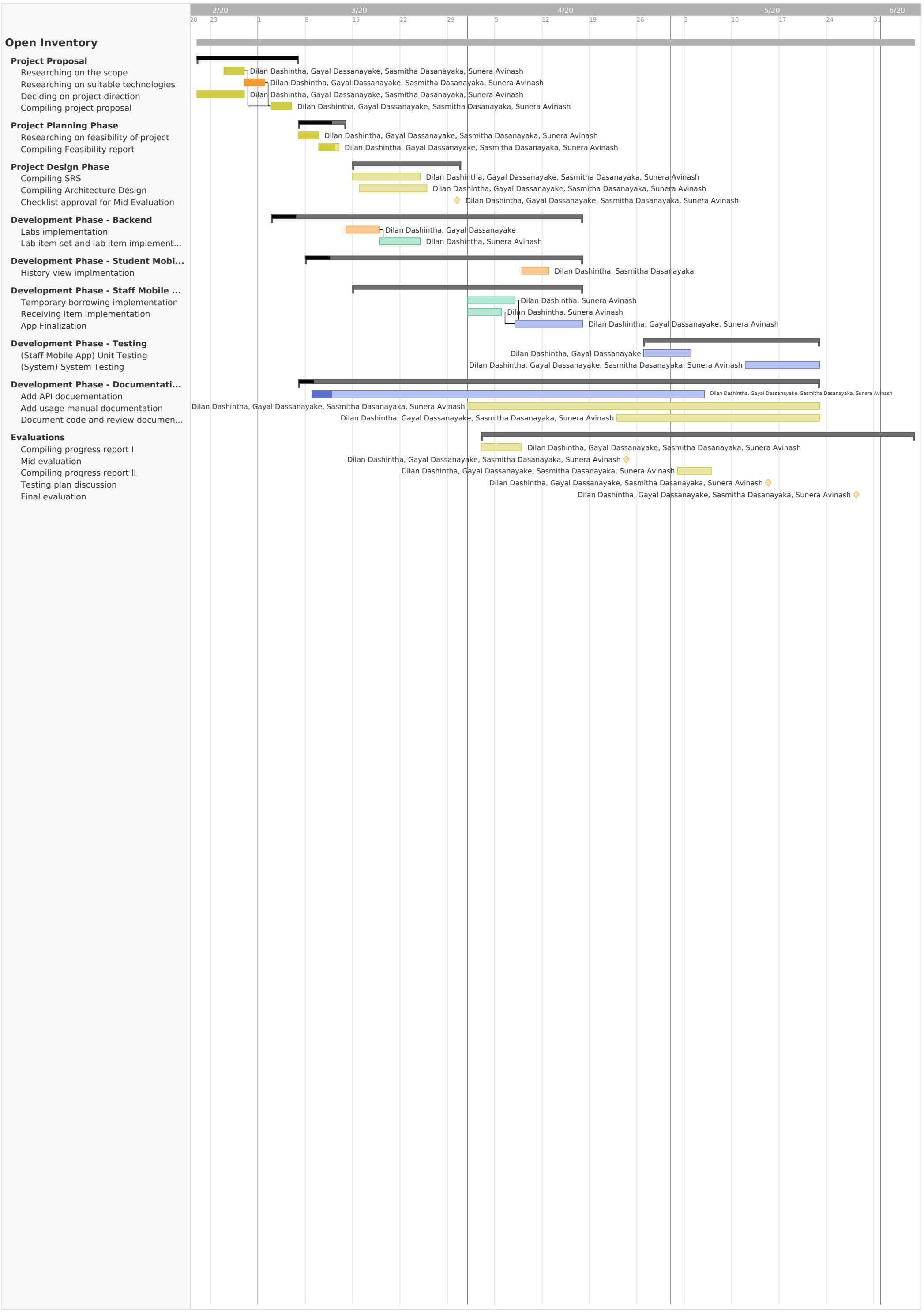
Member schedule - Dassanayake D.M.G.C.



Member schedule - Dashintha E.P.D.G.



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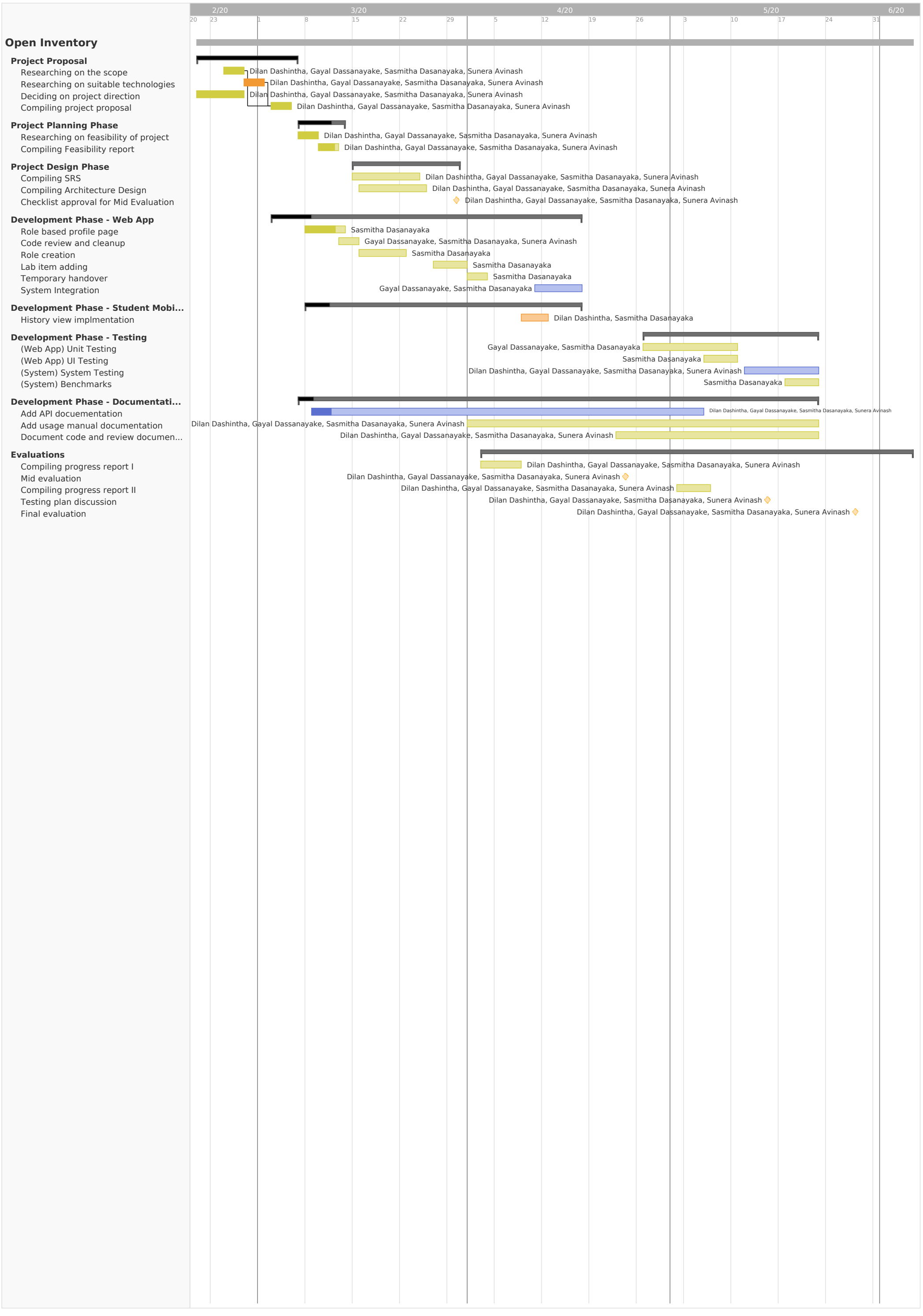
Member schedule - Dasanayaka D.H.M.S.N.