2235-CSE-5335: WEB DATA MANAGEMENT

PROGRESS REPORT – MINUTES OF MEETING

WEEK: Phase 2 | MEETING ORGANIZER: Sanjana Tankala

MEETING ATTENDEES:

Sai Sruthi Renati, Pritesh Sorathia, Harshini Yallabandi, Celina Ann Thomas, Areeb Khan

MEETING DATE & TIME:

22nd September 2025 AT 4.30 PM
29th September 2025 AT 4:30 PM
6th October 2025 AT 4:30 PM
8th October 2025 AT 10:00 AM
13th October 2025 AT 4:30 PM
15th October 2025 AT 10:00 AM
20th October 2025 AT 4:30 PM
24th October 2025 AT 10:00 AM

MEETING NOTE-TAKER: Sanjana Tankala

MEETING MODALITY: Virtual

PROJECT PHASE: 2

Frontend Development and User Interface Integration (Phase 2)

The main goal of Phase 2 was to build and integrate the frontend of the AI Campus Resources App using React JS, HTML5, and CSS3. The team focused on converting the initial design wireframes into a dynamic, component-based web application with modules such as Events, Announcements, and Favourites.

INDIVIDUAL CONTRIBUTIONS

Sanjana Tankala

Sanjana played a key leadership and technical role during Phase 2. She managed the overall front-end coordination, task allocation, and version control using GitHub. She developed the Announcements page from scratch, implementing the search functionality, priority filters (Urgent, High, Medium, Low), and Create Announcement button layout. She also designed the structure and spacing for announcement cards to maintain visual balance and readability.

In addition, Sanjana reviewed the styling across all pages to ensure a consistent layout, colour palette, and responsive design. Her attention to detail and proactive debugging significantly improved the project's interface quality and ensured that all components aligned with the project's design standards.

Sai Sruthi Renati

Sruthi contributed extensively to building the Events module and defining the app's overall layout structure. She implemented the event card design, category filters (Academic, Career, Arts & Culture, Wellness, Sports, etc.), and search input functionality using ReactJS. She ensured responsiveness and visual consistency by refining the CSS grid system and optimizing spacing and alignment for all screen sizes. Sruthi also collaborated with Sanjana in reviewing other pages for UI consistency and integrated the frontend styling guidelines that the team followed throughout Phase 2. Her structured approach helped stabilize the user interface and create a professional and interactive experience for end users.

Pritesh Sorathia

Pritesh worked on the navigation bar and layout integration, creating reusable components for the header and ensuring smooth routing between pages. He handled the React app setup using Vite, configured dependencies, and ensured the app compiled and ran without errors. Pritesh also organized the folder structure (/components, /pages, /assets/css) for clarity and scalability.

Harshini Yallabandi

Harshini assisted with CSS enhancements and UI adjustments, particularly refining margins, paddings, and hover effects. She helped fine-tune the filter pill styling and floating action button on the Events and Announcements pages.

Celina Ann Thomas

Celina participated in frontend testing and validation, reviewing the app on multiple devices and browsers to ensure responsiveness. She verified the layout consistency across pages and made minor design suggestions to improve color balance and readability.

Areeb Khan

Areeb was responsible for developing the Login page interface. He designed the layout using ReactJS and CSS, ensuring a minimal and user-friendly login experience that aligned with the project's theme. He also tested navigation from the Login page to the main dashboard and ensured compatibility with the routing structure implemented by Pritesh.

COLLABORATIVE OUTCOME

The team successfully developed and integrated the frontend user interface for the AI Campus Resources App using ReactJS.
All major pages, including Home, Events, Resources, schedule and Announcements, were implemented with a responsive layout, reusable components, and structured styling. The user

interface now provides a seamless navigation flow and serves as the foundation for AI and backend integration in the next phase.

The project transitioned from static HTML prototypes to a dynamic React-based application, demonstrating teamwork and effective division of responsibilities.

NUMBER OF HOURS ALLOCATED - 48 Hours

MILESTONES ACHIEVED IN PREVIOUS WEEKS

- Completed React and Vite environment setup
- Implemented navigation header and routing system
- Designed and developed Events page layout and category filters
- Created Announcements page with search bar, filter buttons, and styled cards
- Ensured all pages follow a consistent colour scheme and responsive layout
- Validated application build and page responsiveness across devices

BACKLOGS

- AI integration and backend connectivity pending
- Favorites page and profile linking in progress
- Announcement creation form functionality to be added in Phase 3

PLAN TO ADDRESS BACKLOGS

- Integrate backend APIs in the next phase for storing and retrieving data dynamically
- Add functional forms for event registration and announcement creation
- Connect favourites and notifications modules to a database in the next phase

ARE ALL MEMBERS EQUALLY CONTRIBUTING? - Yes.

COMMENTS BY NOTE-TAKER

The team showed excellent collaboration and communication throughout the development cycle. Sanjana efficiently led the team and ensured timely completion of milestones. Each member focused on building a cohesive and professional frontend experience. The deliverables for Phase 2 were completed successfully, providing a stable and responsive React-based user interface ready for further development and integration.