



Project Plan

Canteen Automation System
FastCafe @DA

BT-SRI-20-24006

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Week 1

Ideation

Project Ideation
Deciding on the type of technologies to be used

User Story

Preparation of User Stories (V1)

Week 2

User Story

Preparation of user stories, based on suggestions by Prof. Jay Prakash Sir.

UI/UX

Preparation of UI/UX prototype for :

- Sign Up/Login Page
- Student, Faculty & Canteen Dashboard
- Pending order section for staff
- Feedback portal

Project Plan

Preparation of an approximate project plan for BT-SRI-20-24006

Week 3

USS 1-4 & 6-9 (Suyash)

- Login functionality for students, using Student ID.
- Student Dashboard / Homepage.
- Order placing functionality.
- Order tracking functionality.
- Push notifications for order updates and new menu items.

USS 10-13 (Sahil)

- Feedback section for ordered items.
- View and download order receipts.
- Request for refunds in case of any issues.
- User log of all orders from canteen

Week 4

USF 1-6 & 8 (Suyash)

- Login functionality for faculty/staff, using Faculty/Staff ID.
- Faculty/Staff Dashboard / Homepage.
- Pre-booking functionality for staff for meeting or staff gathering events.
- Order placing functionality.
- Order tracking functionality.

UFS 9-15 (Sahil)

- Push notifications for order updates and new menu items.
- Feedback section for ordered items.
- View and download order receipts.
- Request for refunds in case of any issues.
- User log of all orders from canteen

Week 5

USSA 1-4

- Admin Login to Canteen System (**Sahil**)
- Menu Management and Query Raising (**Suyash**)
- User Account Management (**Suyash**)
- Report Generation for Data-Driven Decisions (**Suyash**)

USCS 1-4

- Staff Login to Application (**Suyash**)
- Adding New Menu Items (**Sahil**)
- Updating Existing Menu Items (**Sahil**)
- Removing Menu Items (**Sahil**)

Week 6

USSA 5-7

- Cafeteria Staff Account Management (**Suyash**)
- Cafeteria Operating Hours Management (**Sahil**)
- Staff Scheduling and Attendance Management(**Suyash**)

USCS 5-8

- Managing Customer Feedback and Ratings (**Sahil**)
- Managing Supplier Information and Purchase Orders (**Sahil**)
- Viewing and Managing Work Schedules (**Suyash**)

Week 7

USS-6,USF-7,USSA-8

- Integration of payment gateway into the system allowing payments directly from the web app. **(Sahil-for users)(Suyash-for system admin)**
- Third-Party Integrations and APIs Management for System Admin **(Suyash)**

USCS 9-12

- Generating Sales and Performance Reports **(Sahil)**
- Receiving Communication about Annual Contract Renewal **(Suyash)**
- Viewing List of Allowed Items Under Contract **(Sahil)**

Week 8

- Troubleshooting
- Final Changes in frontend and backend