Sprint Planning 13: 4/08 - 4/18

Scrum Master: Sarah S.

[**Product Backlog**](#)

Sprint Planning:
- Sprint Cycle Interval: 04/08/24 - 04/18/24

- Team Capacity: 75 hours
    - Sarah S: 20 hours
    - Carine: 12 hours
    - Brandon: 13 hours
    - Sarah P: 15 hours
    - Kay: 15 hours

- Identify Work:
    - Auto Tests - Personal Overview Center (Original Hours - 7 hours)
    - Auto Tests - Waitlist (Original Hours - 8 hours)
    - Code - Account Management Center: Employee Account (Original Hours - 7 hours)
    - Unit Test - Account Management Center: Employee Account (Original Hours - 3 hours)
    - Design - Task Manager Hub (Original Hours - 12 hours)
    - Peer Review - Task Manager Hub (Original Hours - 3 hours)
    - Code - Task Manager Hub (Original Hours - 10 hours)
    - Code - Reservation Confirmation Email (Original Hours - 12 hours)
    - Unit Tests - Reservation Confirmation Email (Original Hours - 4 hours)
    - Design - User Data Protection Management (Original Hours - 9 hours)

- ○ Design - System Observability: Usage Analysis, Archiving (Original Hours - 12 hours)
- ○ Sprint 13 Documentation (Original Hours - 2 hours)

- **Assign Work:**
  - ○ Kay
    - i. Code - Account Management Center: Employee Account (Original Hours - 4 hours)
    - ii. Unit Test - Account Management Center: Employee Account (Original Hours - 3 hours)
    - iii. Design - Task Manager Hub (Original Hours - 12 hours)
    - iv. Code - Task Manager Hub (Original Hours - 10 hours)
  - ○ Carine
    - i. Design - System Observability: Archiving (SPLIT HOURS - 6 hours)
  - ○ Sarah P.
    - i. Auto Tests - Waitlist (Original Hours - 8 hours)
    - ii. Design - User Data Protection Management (Original Hours - 9 hours)
  - ○ Brandon
    - i. Auto Tests - Personal Overview Center (Original Hours - 7 hours)
    - ii. Design - System Observability: Usage Analysis (SPLIT HOURS - 8 hours)
  - ○ Sarah S.
    - i. Peer Review - Task Manager Hub (Original Hours - 3 hours)
    - ii. Code - Reservation Confirmation Email (Original Hours - 12 hours)
    - iii. Unit Tests - Reservation Confirmation Email (Original Hours - 4 hours)
    - iv. Sprint 13 Documentation (Original Hours - 2 hours)

- Task Breakdown:
  - Kay
    - Code - Account Management Center: Employee Account (7 hours)
      - As a registered Company Manager, I want the ability to create an account for my employees using their respective company email addresses, so that I can ensure that all employees have access to necessary resources and platforms promptly and securely.
        - Construct tables in the database (1 hour)
        - Create models + service (1 hour)
        - Create controller (1 hour)
        - Create view (1 hour)
      - As an unregistered employee of a company, I want to be able to verify and complete registration through the link sent to my company email address, so that I can confirm my identity and finalize my account setup efficiently, enabling me to start using the platform's services.
        - Create models + service (1 hour)
        - Create controller (1 hour)
        - Create view (1 hour)
    - Unit Test - Account Management Center: Employee Account (3 hours)
    - Design - Task Manager Hub (12 hours)
      - Success LLD (7 hours)
      - Failure LLD (5 hours)
    - Code - Task Manager Hub (10 hours)
      - Construct tables in the database (1 hour)
      - Create models + service (4 hours)
      - Create controller (3 hours)
      - Create view (2 hours)

Total: 4 hrs + 3 hrs + 12 hrs + 10 hrs = 32 hrs
Calculations: 32 hrs - 15 hrs = 17 EP
Net EP: +17

- ○ Carine
  - ○ Design - System Observability: Archiving (SPLIT HOURS - 6 hours)
    - ■ Research archiving storage options (1 hour)
    - ■ Research corresponding archiving methods (1 hour)
    - ■ Compare archiving options (1 hour)
    - ■ Design archiving within Space Surfer (4 hours)

      Total: 1 hr + 1 hr + 4 hrs = 6 hrs
      Calculations: 6 hrs - 12 hrs = -6 EP
      Net EP: -6

- ○ Sarah P.
  - ○ Auto Tests - Waitlist (8 hours)
    - ■ Design: Creating Test Scenario (2 hours)
    - ■ Code: Writing Test Steps (4 hours)
    - ■ Run tests and debug (2 hours)
  - ○ Design - User Data Protection Management (9 hours)
    - ■ Research (2 hours)
      - ● CPRA requirements
      - ● BRD requirements
    - ■ LLD (3 hours)
      - ● Success LLDs
      - ● Failure LLDs
    - ■ Frontend design (4 hours)
      - ● UI design for User Data Access

      Total: 2 hrs + 4 hrs + 2 hrs + 2 hrs + 3 hrs + 4 hrs = 17 hrs
      Calculations: 17 hrs - 15 hrs = 2 EP
      Net EP: +2

- Brandon
  - Auto Tests - Personal Overview Center (7 hours)
    - Creating Test Scenario (2 hours)
    - Writing Test Steps (4 hours)
    - Testing (1 hour)
  - Design - System Observability: Usage Analysis (SPLIT HOURS - 8 hours)
    - Success LLD
      - Specified Time Spans KPI UML Sequence Diagram (1 hour)
        - 6 month Time Span
        - 12 month Time Span
        - 24 month Time Span
      - Login attempts KPI UML Sequence Diagram (1/2 hour)
      - Registration KPI UML Sequence Diagram (1/2 hour)
      - Page Visits KPI UML Sequence Diagram (1 hour)
      - Feature Usage KPI UML Sequence Diagram (1 hour)
    - Failure LLD
      - Specified Time Spans KPI UML Sequence Diagram (1 hour)
        - 6 month Time Span
        - 12 month Time Span
        - 24 month Time Span
      - Login attempts KPI UML Sequence Diagram (1/2 hour)
      - Registration KPI UML Sequence Diagram (1/2 hour)
      - Page Visits KPI UML Sequence Diagram (1 hour)

- Feature Usage KPI UML Sequence Diagram (1 hour)

Total: 7 hrs + 8 hrs = 15 hrs
Calculations: 15 hrs - 13 hrs = 2 EP
Net EP: +2

- Sarah S.
  - Peer Review - Task Manager Hub (3 hours)
    - Review design (1 hour)
      1. Identify major positives and negatives
      2. Identify unmet requirements
    - Peer Review Document (2 hours)
      1. Explain design qualities and requirements
      2. Share design and test recommendations
  - Code - Reservation Confirmation Email (12 hours)
    - SS.Backend.EmailConfirm (6 hours)
      - ListConfirmations (3 hours)
      - DeleteConfirmations (3 hours)
    - Connecting SSEmailService with Space Booking Center (2 hours)
      - Call SSEmailService through booking center service
    - Frontend (4 hours)
      - Resend Email function (1 hour)
      - Confirm Email function (1 hour)
      - List Confirmed Reservations (1 hour)
      - Delete Reservation Confirmation (1 hour)
  - Unit Tests - Reservation Confirmation Email (4 hours)
    - SS.Backend.EmailConfirm (2 hours)
      - Success outcomes
      - Failure outcomes
    - Connecting SSEmailService with Space Booking Center (2 hours)
      - Success outcomes

- Failure outcomes
  - Sprint 13 Documentation (2 hours)
    - Planning (1 hour)
    - Stand Ups (25 mins)
    - Retrospective (25 mins)
    - Burndown Charts (25 mins)
    - Backlog (25 mins)
      Total: 3 hrs + 6 hrs + 2 hrs + 4 hrs + 4 hrs + 2 hrs = 21 hrs
      Calculations: 21 hrs - 20 hrs = 1 EP
      Net EP: +1

- <u>Analyze (Team Velocity):</u>
  - Team Capacity: 75 hours
  - Work Item Time: 89 hours
  - Negative EP: Carine
  - Positive EP: Sarah S., Brandon, Kay, Sarah P.
  - Carine will assist with application setup and updates with extra EP
  - Demo Day: Email Vong First