

Sprint Planning 14: 4/22 - 5/1

Scrum Master: Sarah S.

Product Backlog

Sprint Planning:

- Sprint Cycle Interval: 04/22/24 - 05/01/24
- Team Capacity: 76 hours
 - Sarah S: 15 hours
 - Carine: 15 hours
 - Brandon: 15 hours
 - Sarah P: 16 hours
 - Kay: 15 hours
- Identify Work:
 - Auto Tests - Personal Overview Center (Original Hours - 7 hours)
 - Auto Tests - Waitlist (Original Hours - 8 hours)
 - Code - Task Manager Hub (Original Hours - 10 hours)
 - Unit Tests - Task Manager Hub (Original Hours - 5 hours)
 - Auto Tests - Task Manager Hub (Original Hours - 10 hours)
 - Code - Reservation Confirmation Email (Modified Hours - 5 hours)
 - Auto Tests - Reservation Confirmation Email (Original Hours - 10 hours)
 - Code - User Data Protection Management (Original Hours - 10 hours)
 - Code - System Observability: Usage Analysis, Archiving (Original Hours - 8 hours)
 - Unit Tests - System Observability: Usage Analysis, Archiving (Original Hours - 6 hours)
 - Sprint 14 Documentation (Original Hours - 2 hours)

- Assign Work:

- Kay
 - i. Code - Task Manager Hub (Original Hours - 10 hours)
 - ii. Unit Tests - Task Manager Hub (Original Hours - 5 hours)
 - iii. Auto Tests - Task Manager Hub (Original Hours - 10 hours)
- Carine
 - i. Code - System Observability: Archiving (SPLIT HOURS - 4 hours)
 - ii. Unit Tests - System Observability: Usage Analysis, Archiving (SPLIT HOURS - 3 hours)
- Sarah P.
 - i. Auto Tests - Waitlist (Original Hours - 8 hours)
 - ii. Code - User Data Protection Management (Original Hours - 10 hours)
- Brandon
 - i. Auto Tests - Personal Overview Center (Original Hours - 7 hours)
 - ii. Code - System Observability: Usage Analysis (SPLIT HOURS - 4 hours)
 - iii. Unit Tests - System Observability: Usage Analysis, Archiving (SPLIT HOURS - 3 hours)
- Sarah S.
 - i. Code - Reservation Confirmation Email (Modified Hours - 5 hours)
 - ii. Auto Tests - Reservation Confirmation Email (Original Hours - 10 hours)
 - iii. Sprint 14 Documentation (Original Hours - 2 hours)

- Task Breakdown:

- Kay
 - 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)
- Unit Tests - Task Manager Hub (5 hours)
 - Creation tests (success + failures)
 - Read tests (success + failures)
 - Modify tests (success + failures)
 - Delete tests (success + failures)
- Auto Tests - Task Manager Hub (10 hours)
 - Success tests
 - Failure tests

Total: 10 hrs + 10 hrs + 5 hrs = 25 hrs

Calculations: 25 hrs - 15 hrs = 5 EP

Net EP: +5

- Carine
 - Code - System Observability: Archiving (SPLIT HOURS - 4 hours)
 - Setup s3 instance (1 hour)
 - Create and connect S3 Instance destination Target (1 hour)
 - Create read sqlTables + config paths (1 hour)
 - Create monthly archiving service (1 hour)
 - Unit Tests - System Observability: Usage Analysis, Archiving (SPLIT HOURS - 3 hours)
 - Test thread occurrence and calculations (1 hour)
 - Test s3 connection (1 hour)
 - Test file creation and upload (1 hour)
 - Fix Logging - 2 hours (Grooming and Updates)

Total: 4 hrs + 2 hrs + 3 hrs = 9 hrs

Calculations: 9 hrs - 15 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)
 - Code - User Data Protection Management (10 hours)
 - Backend research (1 hour)
 - Database query design (1 hour)
 - Backend code (4 hours)
 - Frontend code (3 hours)
 - Test and debug (1 hour)
- Total: 2 hrs + 4 hrs + 2 hrs + 1 hrs + 1 hrs + 4 hrs + 3 hrs + 1 hrs = 18 hrs
- Calculations: 18 hrs - 16 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)
 - Code - System Observability: Usage Analysis (SPLIT HOURS - 4 hours)
 - Database query design (1/2 hour) - if needed
 - Backend Code (2 hours)
 - Registration
 - Login
 - Frontend Code (1 hour)
 - Registration Trend Chart
 - Login Trend Chart
 - Backend Testing (1 hour)
 - Unit Tests - System Observability: Usage Analysis, Archiving (SPLIT HOURS - 3 hours)

- Backend Code (2 hours)
- Backend Test (1 hour)

Total: 7 hrs + 4 hrs + 4 hrs = 14 hrs

Calculations: 14 hrs - 15 hrs = - 1 EP

Net EP: -1

- Sarah S.
 - Code - Reservation Confirmation Email (5 hours)
 - Frontend (4 hours)
 - List Confirmed Reservations (1 hour)
 - Connecting to Booking Center (3 hour)
 - Auto Tests - Reservation Confirmation Email (10 hours)
 - JS testing with Jest (5 hours)
 - Resend Email function (1 hour)
 - Confirm Email function (1 hour)
 - List Confirmed Reservations (1 hour)
 - Delete Reservation Confirmation (1 hour)
 - Bookings with Sending Email (1 hour)
 - Frontend Testing with Cypress (5 hours)
 - Research Cypress Testing (1 hour)
 - Coding Tests (4 hours)
 - Sprint 14 Documentation (2 hours)
 - Planning (1 hour)
 - Stand Ups (25 mins)
 - Retrospective (25 mins)
 - Burndown Charts (25 mins)
 - Backlog (25 mins)

Total: 5 hrs + 5 hrs + 5 hrs + 2 hrs = 17 hrs

Calculations: 17 hrs - 15 hrs = 2 EP

Net EP: +2

- Analyze (Team Velocity):

- Team Capacity: 76 hours
- Work Item Time: 81 hours

- Negative EP: Brandon, Carine
- Positive EP: Sarah P., Sarah S., Kay
- Demo Day: Email Vong First