Daily Stand-Up Summaries for MatchDay: Community Sports Facility Management

Sprint 1: Initial Setup and Core Features

Meeting 1: April 7, 2025

- **Discussion**: Kicked off Sprint 1 with the client. Divided tasks based on notes: 1 person on user verification (exploring Google as the 3rd party ID provider), 2 on the booking system, 2 on user management. Planned to use a JSON file for the database if the real one doesn't work. Set up a GitHub repo and Notion board.
- **Progress**: Drafted user stories, e.g., "As a Resident, I want to log in so I can book facilities."
- **Blockers**: Need to finalize the 3rd party ID provider—Google seems promising but setup unclear.

Meeting 2: April 9, 2025

- **Discussion**: Worked on user types (Resident, Facility Staff, Admin). Built a dropdown for role assignment in the UI. Discussed needing at least 3 users per type for testing. Started authentication with encrypted passwords.
- **Progress**: Login page with role dropdown done; 1 user story completed.
- **Blockers**: JSON file for the database isn't loading properly—causing authentication crashes.

Meeting 3: April 11, 2025

- **Discussion**: Focused on the booking system. Agreed only Admins can approve bookings for now. Started a calendar view, but visibility logic needs work—Admins should see all bookings, others only theirs.
- **Progress**: Calendar UI stub created; 2 user stories done (login, basic booking).
- **Blockers**: Unapproved bookings aren't showing in the calendar—logic needs fixing.

Meeting 4: April 14, 2025

- **Discussion**: Fixed UI bugs—passwords now encrypt on submit. Added user onboarding with role assignment. Tested with 3 mock users per type. Set up a basic CI pipeline on GitHub.
- **Progress**: Onboarding works; 3 user stories complete.
- **Blockers**: One team member's commits aren't syncing—Git configuration issue.

Meeting 5: April 14, 2025 (Later in the Day)

- **Discussion**: Wrapped up Sprint 1 with 4 user stories done—login, booking, onboarding, basic admin view. Client liked the progress but asked for better password documentation. Conducted a quick retrospective and planned Sprint 2.
- **Progress**: Deployed initial build to Azure for client review.
- **Blockers**: None—team's ready for Sprint 2.

Sprint 2: Expanding Functionality

Meeting 1: April 14, 2025 (Evening)

- **Discussion**: Planned Sprint 2 with the client right after Sprint 1 wrap-up. Focused on maintenance reporting and events/notifications. Split tasks: 2 on reporting, 2 on events, 1 on UML diagrams for the 4+1 model. Decided to use an in-memory JSON file if the database keeps failing.
- **Progress**: Started user story, e.g., "As a Resident, I want to report a broken hoop so it can be fixed."
- **Blockers**: Team unsure about UML syntax for the Process viewpoint.

Meeting 2: April 16, 2025

- **Discussion**: Built a basic maintenance report page. Facility Staff can now update statuses (e.g., open, closed). Struggled with the role dropdown—might switch to social ID type for authentication.
- **Progress**: Maintenance reporting UI up; 1 user story done.
- **Blockers**: Status updates aren't saving—database connection issue.

Meeting 3: April 17, 2025

- **Discussion**: Started event creation for Admins (e.g., tournaments). Worked on Use Case and Logical UML diagrams. Noticed the calendar needs Admin-only visibility logic for bookings.
- **Progress**: Event creation stub done; 3 user stories complete.
- **Blockers**: UML Deployment diagram confusing—team needs an example.

Meeting 4: April 22, 2025

- **Discussion**: Tested maintenance reporting—works but feedback loop's slow. Added email notifications for events. Nearly done with UMLs (4 out of 5 viewpoints).
- **Progress**: 5 user stories done; UMLs almost complete.
- **Blockers**: Notifications failing—SMTP setup isn't working.

Meeting 5: April 23, 2025

- **Discussion**: Hit 6 user stories—maintenance reporting, events, and UMLs done with minor fixes. Client feedback: likes reporting but wants CSV/PDF export. Retrospective: need to address blockers faster.

- **Progress**: Deployed update to Azure.
- **Blockers**: None—ready for Sprint 3.

Sprint 3: Reporting and Refinement

Meeting 1: April 24, 2025

- **Discussion**: Planned Sprint 3 with the client. Focused on reporting: usage trends, maintenance reports, custom view. Split tasks: 2 on reports, 2 on UML updates, 1 on polish. Aimed for 5 user stories.
- **Progress**: Started usage trends report story.
- **Blockers**: Unsure how to handle CSV/PDF exports—need to research libraries.

Meeting 2: April 30, 2025

- **Discussion**: Built usage trends report but struggled with the charting library. Updated UML Use Case diagram to include reporting features. Confirmed Admin-only booking approval logic.
- **Progress**: Trends report partially done; 1 user story complete.
- **Blockers**: Charting library not rendering properly—needs debugging.

Meeting 3: May 1, 2025

- **Discussion**: Finished maintenance report (open vs closed issues). Added CSV export— PDF still pending. Unit tests now at 40% coverage.
- **Progress**: Maintenance report done; 3 user stories complete.
- **Blockers**: PDF export failing due to library compatibility.

Meeting 4: May 3, 2025

- **Discussion**: Completed custom view with filters for Admins. CSV export tested and working. Updated all UML diagrams for Sprint 3 stories.
- **Progress**: Custom view done; 5 user stories complete.
- **Blockers**: None—export functionality needs more testing.

Meeting 5: May 4, 2025

- **Discussion**: Achieved 6 user stories—reporting features solid, UMLs perfect. Client loves the custom filters. Planned to increase test coverage in Sprint 4.
- **Progress**: Deployed to Azure; client satisfied.
- **Blockers**: None—ready for Sprint 4.

Sprint 4: Final Polish

Meeting 1: May 5, 2025

- **Discussion**: Planned Sprint 4 with the client. Focused on polish, hitting 80%+ code coverage, and 4 new user stories. Split tasks: 2 on UI, 2 on tests, 1 on documentation.
- **Progress**: Assigned tasks for bug fixes and UI polish.
- **Blockers**: Concerned about reaching 80% coverage—need a plan.

Meeting 2: May 7, 2025

- **Discussion**: Fixed overlapping bookings in the calendar. Improved mobile UI—removed placeholders. Started unit tests for booking system, focusing on boundary cases.
- **Progress**: UI cleaner; 1 user story done.
- **Blockers**: Unit tests for UI code are tricky—researching solutions.

Meeting 3: May 13, 2025

- **Discussion**: Reached 60% code coverage with tests for booking and user management. Added detailed code comments. Noticed the reporting dashboard is lagging.
- **Progress**: Documentation improved; 2 user stories complete.
- **Blockers**: Dashboard performance needs optimization.

Meeting 4: May 15, 2025

- **Discussion**: Optimized the dashboard—loads faster now. Added a feature for Facility Staff to provide feedback on maintenance issues. Code coverage at 75%.
- **Progress**: Feedback feature done; 4 user stories complete.
- **Blockers**: Minor mobile UI glitches to fix.

Meeting 5: May 17, 2025

- **Discussion**: Hit 82% code coverage after testing all core logic (booking, user management, reporting). Final build is bug-free, UI polished. Prepped for client demo. Retrospective: team proud of the outcome.
- **Progress**: Final build deployed to Azure; project complete.
- **Blockers**: None—ready for client presentation.