

1. Introduction and Purpose

The Municipal of Sta. Cruz Sports Committee Program and Activity Monitoring System with Online Registration is designed to streamline the management of sports programs, event monitoring, and participant registration within the municipality. The primary objective is to replace manual processes with a digital system that improves efficiency, transparency, and ease of access for both committee administrators and community members.

2. Overall Description

2.1 Product Perspective This system is a standalone web-based platform intended for use by the Sta. Cruz Sports Committee. It will replace manual logbooks, spreadsheets, and registration forms with a centralized digital interface.

2.2 Product Functions

- Online registration for community sports events
- Administrator dashboard for managing programs and participants
- Activity monitoring and status tracking
- Report generation and printing
- Secure login and role-based access

2.3 User Classes and Characteristics

- **Administrator:** Manages users, events, and reports
- **Committee Member:** Assists in tracking and updating program statuses
- **Participants:** Community users registering for events

2.4 Operating Environment

- Server-side: PHP, MySQL
- Client-side: HTML, CSS, JavaScript, Bootstrap
- Web server: Apache
- Browser compatibility: Chrome, Firefox, Edge

2.5 Constraints

- The system must be hosted on a local or cloud server with PHP and MySQL support.
- User data privacy and security must comply with local regulations.

3. Functional Requirements

- FR1: The system shall allow users to register for events online.
- FR2: The system shall allow administrators to create, update, and delete sports programs.
- FR3: The system shall support login/logout functionality with role-based access.
- FR4: The system shall generate downloadable and printable activity reports.

- FR5: The system shall allow tracking of program status and participant count.

4. Non-Functional Requirements

- NFR1: The system shall use hashed encryption for passwords.
- NFR2: The system shall implement CSRF protection for forms.
- NFR3: The system shall prevent brute force attacks via login attempt limits.
- NFR4: The system shall be responsive and accessible on mobile devices.
- NFR5: The system shall load pages within 3 seconds under normal load.

5. Appendices

5.1 Definitions, Acronyms, and Abbreviations

- CSRF: Cross-Site Request Forgery
- UI: User Interface
- UX: User Experience
- MB5: Message Blocker 5 (custom term or security module to be defined)

5.2 References

- PHP documentation: <https://www.php.net/>
- OWASP Security Practices: <https://owasp.org/>
- Bootstrap framework: <https://getbootstrap.com/>