**Project scope**

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| Community & UN SDG(s): | SCWW Saskatchewan Community. UN SDG goal: 3; Good Health and Well-Being |
| Date: | 8-Feb-2025 |

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| **Project Name** | Bingo for Senior Citizens |
| **Project Deliverables** | |
| **Develop Bingo Card Generator Tool** | [Work package/user story listed here.]  Work Package: Bingo Card Generation and Management  Develop a tool to generate unique bingo cards with serial numbers, manage card distribution, and handle expiration.  [Describe this work package in as much detail as possible.]  **User Stories:**  **As a Bingo Card Generator:**   1. **Card Generation**    * *User Story*: As a Bingo Card Generator, I want to create unique bingo cards so that each game has distinct cards for players.    * *Acceptance Criteria*:      + Cards must follow a 5x5 grid format with randomized numbers.      + Each card must have a unique serial number. 2. **Card Download**    * *User Story*: As a Bingo Card Generator, I want to download generated bingo cards as PDFs so that they can be easily distributed to players.    * *Acceptance Criteria*:      + The PDF must include the unique serial number of the card. 3. **Card Registration**    * *User Story*: As a Bingo Card Generator, I want to register bingo cards with players' names so that each card is linked to a specific player.    * *Acceptance Criteria*:      + The system must store the card details and player information securely. 4. **Card Expiration**    * *User Story*: As a Bingo Card Generator, I want to set expiration dates for bingo cards so that they can't be used indefinitely.    * *Acceptance Criteria*:      + The system must automatically prevent the use of expired cards. 5. **Card Blocking**    * *User Story*: As a Bingo Card Generator, I want to block bingo cards that have been claimed as bingo so that they can't be reused in future games.    * *Acceptance Criteria*:      + Blocked cards must be marked in the system and cannot be used again.   [Work package/user story listed here.]  [Describe this work package in as much detail as possible.]  … |
| **Develop Win Detection Tool** | [Work package/user story listed here.]  Work Package: Win Detection and Verification  Develop a tool to detect winning patterns on bingo cards and verify player claims.  [Describe this work package in as much detail as possible.]  **User Stories:**  **As a Bingo Caller:**   1. **Number Input and Tracking**    * *User Story*: As a Bingo Caller, I want to input drawn numbers so that the game can track which numbers have been called.    * *Acceptance Criteria*:      + The system must update the game state in real-time with the called numbers. 2. **Win Detection**    * *User Story*: As a Bingo Caller, I want the system to detect winning patterns so that I can promptly notify players of their wins.    * *Acceptance Criteria*:      + The system must accurately detect winning patterns and provide immediate notifications. 3. **Manual Verification**    * *User Story*: As a Bingo Caller, I want to manually verify winning claims by searching for a bingo card's unique serial number so that I can confirm the win.    * *Acceptance Criteria*:      + The system must allow searching for a card by serial number and display whether it contains a winning pattern.   [Work package/user story listed here.]  [Describe this work package in as much detail as possible.]  … |
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| **Project Exclusions** | |
| [Indicate anything that will not be included in the scope of the project.] | |