# Arana Hills Little Athletics

M – Must Haves

S – Should Haves

C – Could Haves

1 Story Point is 30 Minutes of Work.

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| # | Story | Story Points | Priority |
|  | **Sign In**  As a user, I want to be able to sign in, so I can let the app know who is recording what information  Acceptance Criteria:   * The user can enter their name on the home page off the app. The app reads their name from the database and predictive text helps the user select their name. | 6 | M |
|  | **Choose Event**  As a user, I want to be able to choose what track event I am recording data for.  Acceptance Criteria:   * The home page also allows users to choose what track event they are trying to record data for. * The page will consist of two buttons, each titled “Laned” and “Unlaned” respectively. When clicked, they will take the user to the respective page. | 4 | M |
|  | **Entering Bib Number**  As a user, I want to be able to easily enter the bib number/s of an athlete/s when they cross the finish line for the two lanes I am monitoring.  Acceptance Criteria:   * The application will have two hard programmed keypads in the track activities page for each lane. They must be large and easy to read as many user wear glasses and may not have them.  The buttons on the keypad are numbers 0-9, a ‘Trialist’ button, a ‘,’ for entering multiple athletes, backspace button, and a no runner button. * The user must only be allowed to enter the correct information into the app. The user will not be allowed to enter in data in the incorrect form.   The athletes have either, 1, 2 or 3 digit numbers on their bibs. Athletes wearing bibs from previous years and Trialists without bibs must be entered as T. If there is an athlete from another club wearing their bib, their number must be entered with a leading 0.   * The user must not be allowed to enter incorrect information into the app with the keypad. They must only be allowed to enter either a three digit bib number, a T, or a four digit number with a leading 0 from an athlete from another club. If a lane is empty, they must hit the ‘No Runner’ button, which puts a ‘-‘ into the Athlete Information area. If the user attempts to input information that is not valid, the application must ignore it. * When the correct data has been entered in, a pop up message will display the athletes name so the user can ensure the data they have entered is correct * When multiple athletes cross the finish line, their bib numbers are separated with a comma. For entering the second athlete, the same criteria above applies where incorrect input is ignored by the application. | 8 | M |
|  | **Navigate Back to Home Page**  As a user, I want to be able to go back to the home page of the app so I can change who is recording data and for what type of track event.  Acceptance Criteria:   * Both Laned and Unlaned activity pages must have a home button, which will take the user back to the home page. | 2 | M |
|  | **Navigate Through Races**  As a user, I want to be able to navigate through all the races so that I can edit/view previous race information.  Acceptance Criteria:   * Both event activity pages will need a ‘Next’ and ‘Previous’ button. These buttons will take the user to the next and previous race respectively. * The buttons will cycle through the race number which can be seen at the top of the application. | 8 | M |
|  | **Race Marshal Same Race**  As the race marshal, I want to be able to be able to make sure everyone is on the same race when entering in information, so that information isn’t entered for the wrong race  Acceptance Criteria:   * At the very bottom of the app, there will be a section that is completely dedicated to viewing what each user has entered and if they are on the same race or not.  This section will consist of 8 separate sections for each lane respectively. Each section will show the bib number that each other user has entered for the race. This section will also become white when all users are on the same race number. If they are not then the users on a different race will be shown up as red. | 10 | S |
|  | **Race Marshal Connected Tablets**  As the race marshal, I want to make sure that all the tablets are always connected, so the data the users enter can be safely transmitted between the devices.  Acceptance Criteria:   * The tablets will connect and talk to each other through wi-fi peer to peer. Once a user submits their bib number for a race, the information will then be sent to the race marshal’s tablet and stored to a database. | 24 | S |
|  | **Knowing Other Users Names**  As a user, I want to be able to make sure I know the names of the other users around me, so it can make communicating to record data easier.    Acceptance Criteria:   * On the section at the bottom of the app that shows all the information from other users, when no data has been entered for the current race, the name they entered at the start will appear over their two-lane section. | 10 | S |
|  | **Race Marshal Data Protection**  As the race marshal, I want to make sure that all data entered into the tablets can be safely secured and not lost in the event of the application crashing  Acceptance Criteria:   * The data must be safely secured and stored throughout the duration that the application is running. There can be NO exception that any information ever gets lost if one app disconnects or crashes. If a tablet disconnects the tablet must still save all the information locally. | 16 | M |
|  | **Ensuring Data is being sent**  As a user, I want to make sure the information I enter is being transmitted to the race marshal  Acceptance Criteria:   * Once the user enters in the required information for the TextField area, the information will be sent to the race marshal and a pop up will display briefly that lets the user know their information has been sent. | 10 | M |
|  | **Seeing Data from other Users**  As the race marshall, I want to be able to see that everyone has entered in the correct data for the same race, so I know everyone is working on the same race.  Acceptance Criteria:   * When the data has been entered correctly for each lane on the users tablet, it will show up down the bottom for the corresponding lane they are recording for on all the other tablets. / i.e. When ‘111’ and ‘-‘ for lanes 2 and 1 respectively, this information can be seen on the other tablets down the bottom for lanes 2 and 1. * If a user is not on the same race number as the race marshall, their race numbers down the bottom will appear red so the other parents can let them know to change race. | 8 | S |
|  | **Change Order of Bib Numbers for Unlaned Events**  As a user, I want to be able to change the order of athletes if entered incorrectly for unlaned events.  Acceptance Criteria:   * When data has been entered incorrectly, the user will have the ability to change the order in which information has been entered. | 8 | S |
|  | **AutoComplete for Parents Names**  As a parent using the app, I want my name to auto complete as I enter it into the home screen.  Acceptance Criteria:   * When a parent starts to enter their name, it searches the database for the parent’s name and appears under the text box for them to select. | 4 | S |
|  | **Admin Delete All Functionality**  As an admin, I want to be able to delete all the data stored on the tablets, so that the previous weeks information does not get mixed up with the new week’s information  Acceptance Criteria:   * The admin will be able to navigate to a page where they have control to delete all the data stored in the database on the tablets * There will also be an “Are you sure you want to delete these files” popup once clicked, to prevent data being deleted accidentally. | 8 | M |
|  | **Admin Upload Data**  As an admin, I want to be able to upload the data recorded on all tablets for the night to the database on the computer.  Acceptance Criteria:   * The admin will be able to connect the tablet to the computer they wish to store the information on and upload it to a database to be securely saved. | 12 | M |