

ARSENAL TEAM APP (ANDROID)

Application Description

Project Name	Author
LIVE ARSENAL TEAM APP	BEJOY JOSE

LANDING PAGE

A] User Interface: -



B] Functionality: -

The Landing page consists display list of Arsenal first team players. The display list contains a profile image and player details like name, nationality etc. The list of players is being populated from XML using XML parsing and being stored in objects using model class. The users can scroll down the list to find their desired player and click it for additional information.

C] Personal Contribution: -

- Worked extensively on User Interface and User Experience.
- Tried to make the app as a replica of official Arsenal App.
- Incorporating logos of original sponsors and national flags for better user experience.

PLAYER DETAILS PAGE

A] User Interface: -



B] Functionality: -

The player details page consists additional information about of selected player. It captures details such as name, nationality, DOB, player position, previous club history and player transfer date. The detailed list is being populated from XML using XML parsing. It also contains a clickable statistics button which will lead to the player statistics page. The button fist checks for the internet connection and promotes a **TOST** message if no connection is found.

C] Personal Contribution: -

- Worked on UI and UX.
- Introduced loader to compromise the delay of fetching data for next page, thus giving better user experience.
- Worked with authentic player details and information.
- Added scroll view to in cooperate the page in multiple devices of different length.

PLAYER STATS PAGE

A) User Interface: -



Note: - This page requires Internet Access as it fetches real-time data.

B) Functionality: -

The player statistics page has 3 distinct sections.

- Video View** (Section 1): - It consists of a video view showcasing an intro video of picked player. It is embedded with media controller, giving an UI for users to controller the media.
 The Video path and name is being fetched from XML file using XML parsing.
- Player Fit Status** (Section 2): - Its gives live real time status of the player. It consists of two values “**MATCH FIT**” and “**INJURED**”. It fetches real time physical status of player from the official Arsenal website.

- **Statistics Table** (Section 3): - It show real time and live statics of players. It fetches real time data from the official Arsenal Website.

C] Personal Contribution: -

- **Video View** (Section 1): - Required to downloading of all intro video of individual players and used video view to display it..
- **Player Fit Status** (Section 2): - It uses JSOUP library to fetch the live status of the player from the official Arsenal website. Additional processing was required to fetch the data and convert it into fit status
- **Statistics Table** (Section 3): - It also uses JSOUP library to fetch the real time player stats table of the selected player from the official Arsenal website. Needed background code used for formatting and processing of data and convert it into stats table.
- Personalized UI for fetching the current stats and player status and making the app for real time use.
- Checks if the Internet access is open or not and promotes a message if not accessible.
- Added scroll view to in cooperate the page in multiple devices of different length.

PLAYER WEB VIEW

A] User Interface: -



B] Functionality: - The web view page embeds the original Arsenal website into your app. You are initially redirected to the selected players link in the Arsenal website from where you can access the entire official website.

C] Personal Contribution: -

- Changed common UI and UX to embed the original website.
- Redirecting the app to the correct player link.