

### 1. Introduction

Shahid is a comprehensive streaming platform that allows users to access a wide variety of movies, TV shows, and series. The system will provide essential core functions such as user authentication, content browsing, and smooth playback. It aims to deliver a seamless, fluid, and intuitive user experience that aligns with the ever-evolving trends in digital media consumption.

From a business and strategic perspective, Shahid serves as a key player in the digital transformation of its parent company, MBC Group. By offering a high-quality, on-demand entertainment experience, Shahid enhances customer engagement, and drives subscription growth. Consequently, it reinforces MBC's market leadership in the MENA region's entertainment sector while expanding its reach globally.

### 2. User Requirements

- The user requires secure sign-up, log-in and log-out functionality to protect personal information.
- The user wants an efficient search feature to quickly find specific content.
- The user desires the smooth playback of content with an option to rate what they watch
- The user needs the ability to add content to a watchlist for later viewing.
- The user found a premium subscription plan, including payment and cancellation options.

### 3. Functional Requirements

#### Functional Requirement 1: User Authentication

- **Description/Actions:** Let users sign up, log in, and log out securely.
  - **Inputs:** Username, email, password
  - **Source:** Entered by user
  - **Pre-condition:** Valid credentials must be provided
  - **Post-condition:** User is logged in and can access app features
  - **Output:** Success or error message; access granted on success
- 

#### Functional Requirement 2: Content Browsing

- **Description/Actions:** Allow users to explore movies, series, and live TV
  - **Source:** Data pulled from app's database
  - **Pre-condition:** User is logged in
  - **Post-condition:** Content is displayed in categories
  - **Output:** Visible list of content by genre/type
- 

#### Functional Requirement 3: Search Functionality

- **Description/Actions:** Help users find specific content
  - **Inputs:** Search term entered by user
  - **Source:** User input, matched against database
  - **Pre-condition:** User is on the search page
  - **Post-condition:** Relevant results are shown
  - **Output:** List of content matching search
- 

#### Functional Requirement 4: Watching and Rating Content

- **Description/Actions:** Allow users to stream and rate videos
  - **Inputs:** User taps play on a selected video and can rate it
  - **Source:** Video served from app server
  - **Pre-condition:** A video is selected from content list, User must be logged in; content requires a subscription
  - **Post-condition:** Video starts playing, , and rating is saved
  - **Output:** Streaming video playback in player, updated rating
-

#### Functional Requirement 5: Subscription Management

- **Description/Actions:** Allow users to subscribe to or cancel the subscription
- **Inputs:** User selects a subscription plan or chooses to cancel an existing subscription.
- **Source:** User input, Payment gateway
- **Pre-condition:** User must be logged in. For Cancellation, user must have an active subscription
- **Post-condition:** Subscription is activated or canceled based on user selection.
- **Output:** Confirmation message

#### Functional Requirement 6: Watchlist Management

- **Description/Actions:** Allow users to save content to their watchlist
  - **Inputs:** User selects "Add to Watchlist"
  - **Source:** User input
  - **Pre-condition:** User must be logged in
  - **Post-condition:** Content is saved in the user's watchlist
  - **Output:** Updated watchlist
- 

## 4. Non-Functional Requirements

1. **Performance:** Videos should start playing within 2 seconds after tapping play.
2. **Reliability:** Server uptime should be at least 99.9%.
3. **Security:** User data must be encrypted during login and stored securely.
4. **Scalability:** The system should handle at least 10,000 users at the same time.
5. **Usability:** The interface should be user-friendly and optimized for both mobile and web.