



**FPT ACADEMY INTERNATIONAL**  
**FPT – APTECH COMPUTER EDUCATION**

# Tracking Anime

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**Semester:** *II*

**Batch No:** *T3.2307.E1*

**Group No:** *05*

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**Month:** 08 **Year:** 2025

This is to certify that

Mr. Lê Vinh Chí  
Mr. Phạm Hoàng Minh Quân  
Mr. Thân Thế Lộc  
Mr. Huỳnh Quốc Huy

Have successfully Designed & Developed

## **TRACKING ANIME**

Submitted by:

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Date Of Issue:

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Authorized Signature:

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# Acknowledge

For regular anime viewers, an app for tracking anime to efficiently manage and organize anime series is essential. To have a comprehensive app, some necessary features include:

## **Progress tracking:**

- ✓ Marking episodes, you've watched and tracking the next ones.
- ✓ Viewing your anime viewing history.
- ✓ Receiving notifications for new episode releases.

## **List management:**

- ✓ Creating lists for favorite, currently watching, plan to watch, and watched anime.
- ✓ Sorting and filtering lists based on various criteria.
- ✓ Sharing your lists with friends.

## **Anime discovery:**

- ✓ Searching for anime by name, genre, airing season, etc.
- ✓ Browsing through popular, highly rated, and upcoming anime lists.
- ✓ Reading detailed information about anime, including summaries, character lists, ratings, etc.

## **Community:**

- ✓ Participating in anime discussions with other users.
- ✓ Joining community groups based on shared interests.
- ✓ Sharing your thoughts and reviews about anime.

*Therefore, our team will strive to implement this exciting project. We hope everyone will use it effectively and provide positive feedback.*

# Synopsis

**Tracking Anime** is a system would maintain a comprehensive database of anime series, including their titles, genres, release dates, and synopses.

Users would create profiles within the system, allowing them to customize their preferences and track their interactions with different anime series.

Users could browse through the database to find anime series they're interested in. For each series, they could view a synopsis to get an overview of the plot, characters, and themes.

Users could mark whether they've read the synopsis of a particular anime series or not. This feature would help them keep track of which series they've explored and which ones they still need to review.

The system could use algorithms to analyze users' viewing preferences and provide personalized recommendations for anime series with synopses that match their interests.

Users could engage with other members of the community to discuss synopses, share recommendations, and exchange insights about different anime series.

The system could send notifications to users about newly added synopses, upcoming anime releases, or relevant community discussions.

# **Review 01**

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Problem Definition	<b>SWD/Form No.</b> 01/PD/Ver1.0
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## Problem Definition

Addressing the Needs of Anime Enthusiasts with a Comprehensive Tracking App

Anime enthusiasts, or "**wibu**" as they are often called, have a constant need for an efficient and organized way to track and manage their vast anime collections.

To solve this demand, we propose the development of a comprehensive anime tracking application that caters to the specific needs of anime aficionados.

### Key Features:

- ✓ *Seasonality Awareness:* Stay updated on new anime releases and identify intriguing shows for the upcoming season.
- ✓ *Progress Tracking:* Keep track of your progress in each anime series, ensuring you never miss any episodes. Maintain a comprehensive history of your anime viewing journey. Receive timely notifications for new episode releases.
- ✓ *Personalized Management:* Create and manage personalized anime lists based on your preferences: favorites, status (currently watching, plan to watch or completed), etc. Implement effective sorting and filtering mechanisms to organize your lists effortlessly. Share your curated lists with fellow anime enthusiasts.
- ✓ *Anime Discovery:* Seamlessly search for anime by title, genre, release season, and other relevant criteria. Explore curated lists of popular, highly rated, and upcoming anime titles. Delve into detailed anime information, including summaries, character profiles, reviews, and more.

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**Our Commitment:** Our team is dedicated to bringing this exciting project to life, meticulously crafting an anime tracking app that caters to the specific needs of anime enthusiasts. We envision a tool that enhances the anime viewing experience, fostering a sense of community and empowering users to manage their anime collections with utmost efficiency. We sincerely invite you to join us in this journey and welcome your constructive feedback to ensure we deliver an exceptional anime tracking app that exceeds expectations.

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<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Customer Requirements Specifications	<b>SWD/Form No.02/CRSVer1.0</b>
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# Customer Requirements Specifications

## I. CRS/Requirements Specifications

### Client/Project Undertaken:

1. List of inputs to the system
  - *User Data Registration*
  - *Tracking Anime List*
  - *Schedules for Their List*
2. List of outputs expected from the system
  - *Tracking Records*
  - *Anime Records*
  - *Notification*
3. Overview of processes involved in the system
  - *Login/Register*
  - *Display Anime List*
  - *Picking and Modifying Tracking Anime List*
  - *Checking Timeline of Anime and Notification*

Hardware and software required for implementing the project

1. *Operating system: Windows 10 higher*
2. *Hardware: CPU Cores with 2 Gigabytes of RAM or better*
3. *Font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc...*
4. *Other requirement: A working internet connection*

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## II. CRS/Customer Acceptance Criteria

S.No	Customer's Acceptance Criteria
1	Given that app was opened, when user register account then admin checks and confirms whether to create an account.
2	Given that app was opened, when customer (admin, user) enters valid credentials then the system grants access.
3	Given admin login successfully, when admin modifies anime details then the system stores it.
4	Given admin login successfully, when admin modifies account details then the system stores it.
5	Given user login successfully, when the user adds a new tracking anime then the system stores it.
6	Given user login successfully, when the user edits anime details then the system saves the changes.
7	Given user login successfully, when user requests the list, and the system displays all anime. then the system displays all anime.
8	Given user login successfully, when user searches or filters then the system displays matching anime.
9	Given that it's been a day, when there are new episodes or releases for tracked anime then notify the users.
10	Given user login successfully, when the user selects tracking anime to untrack it then the system confirms and removes it.

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### III. Project Plan

#### 1. Project Details

- + Name of the Client: Tracking Anime
- + Date of Project Plan: 20/08/2025
- + Project Vision/Objectives:
  - Tracking Anime empowers users to conveniently track, manage, discover, and share their anime collections.
  - Our application runs on a Desktop Application platform, providing distinct user and admin roles with specific privileges.
- + Scope:
  - Core Functionality: Anime Data Management, Tracking and Management, List Creation and Management, Community Features
  - Platform: Only Desktop
  - Data Persistence: Only Local (SQL Server)
  - Testing: Ensure functionality and user experience
- + Our understanding of the client organization:
  - “**MyAnimeList**” is one of the anime tracking websites that I know of that is relevant today.
  - This is a website that manages hot, seasonal anime series from many years ago and up to now
- + Project Organization with Responsibilities and Authorities:
  - Project Team Leader (PTL)
  - Designer
  - Developer
  - Tester
  - The task: to get references in TaskSheet

#### 2. Project Initiation/Requirement Documents

- Design Documentation
- Install Guide
- User Guide

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### 3. Deliverables

- Design Documentation
- Installation Guide
- User Guide (Admin and User Manual)
- Source Code

### 4. Project Dependencies

- New technology by JavaFX (24)
- Maven (3.9)
- Java JDK (24)

### 5. Major Project Milestones

- Review 01
- Review 02
- Review 03

### 6. Quality Plan

- + Review Activities:
  - Review Meeting
  - Developing Meeting
- + Testing Activities:
  - New Features was completed
  - After Pull Request
- + Backup and recovery strategies:
  - Using Git and Github for source code
  - Backup Documents on Google Driver

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## **Review 02**

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Architecture and design of the Application	<b>SWD/Form No.03/ARD/Ver1.0</b>
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## Architecture and design of the Application

### I. Application Architecture

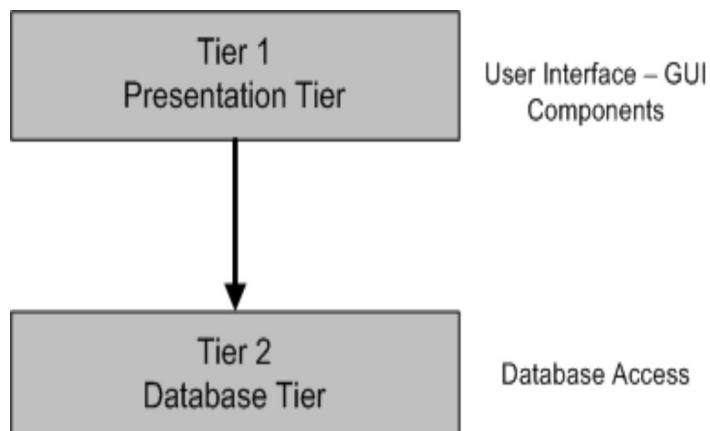


Figure 1 - Two-Tier Architecture of the Project

### II. Data Flow Diagram

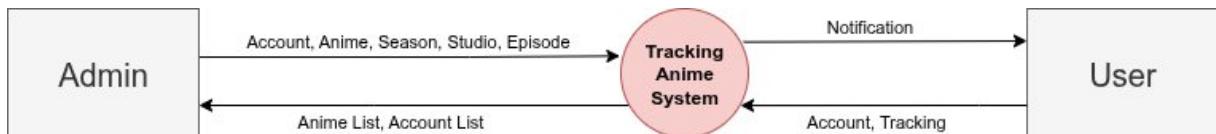


Figure 2 - DFD Level 0

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## Entity Relationship Diagram

### I. ERD

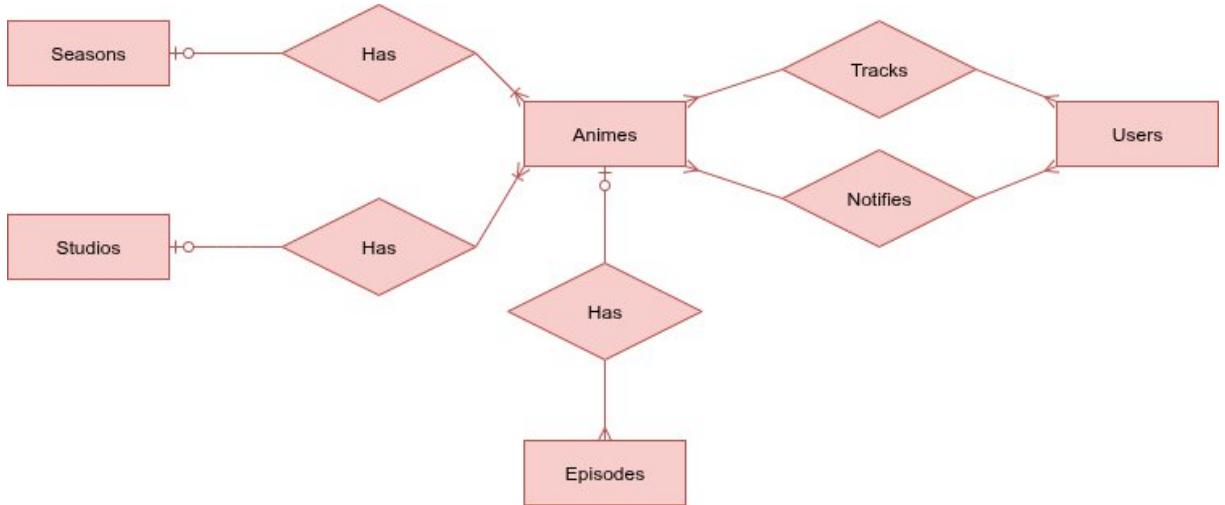


Figure 3 - ERD

### II. ERD Properties

The data model requires seven tables due to the existence of two distinct many-to-many relationships—tracking and notification—between the **User** and **Anime** entities.

#### 1. Account Properties

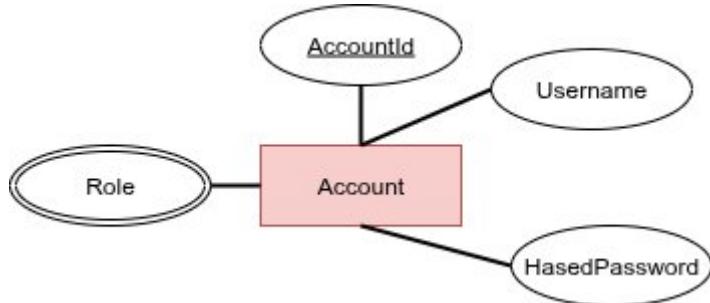


Figure 4 – Account Properties

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## 2. Season Properties

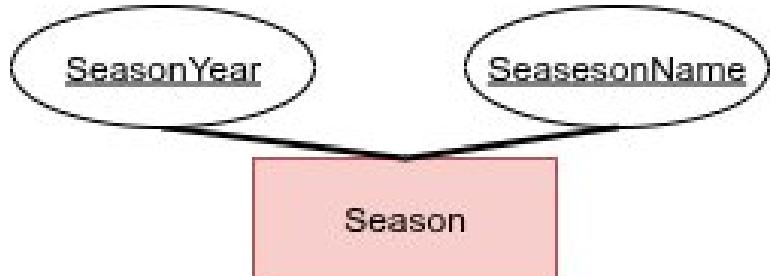


Figure 5 – Season Properties

## 3. Studio Properties

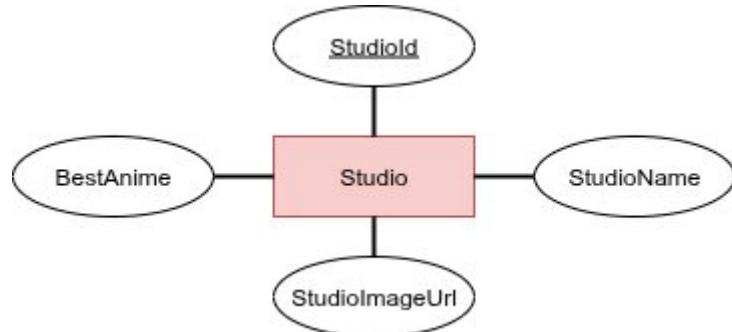


Figure 6 – Studio Properties

## 4. Anime Properties

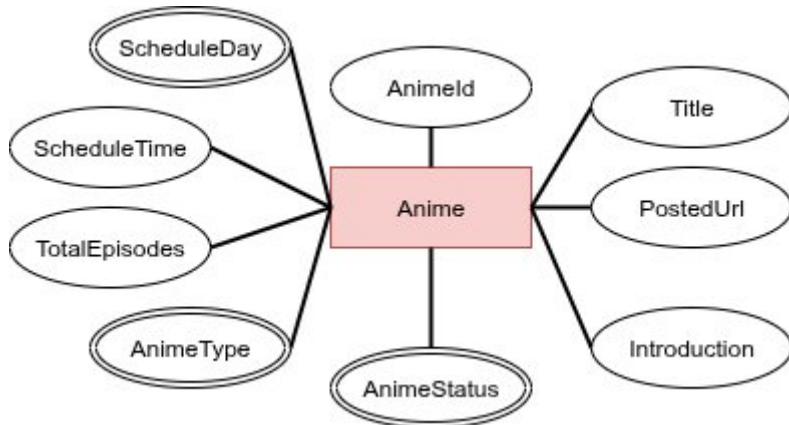
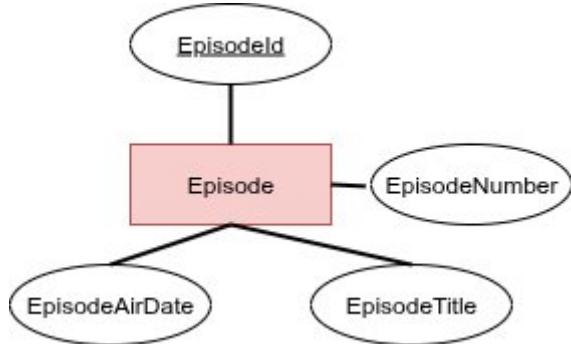


Figure 7 – Anime Properties

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## 5. Episode Properties

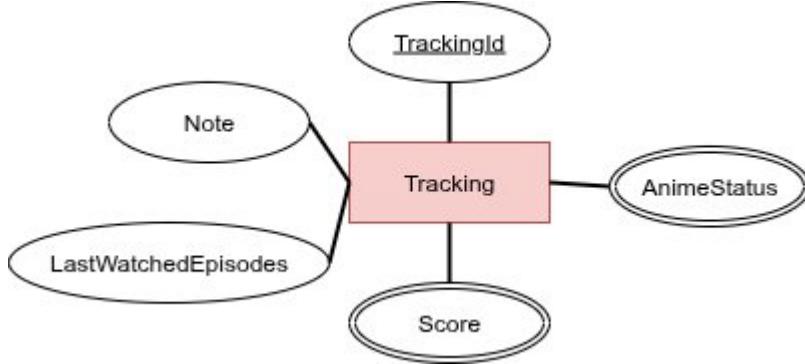


**Figure 8 – Episode Properties**

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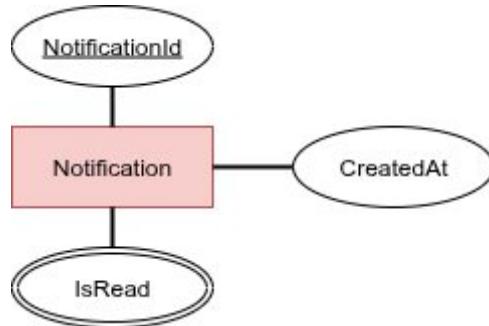
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## 6. Tracking Properties



**Figure 9 – Tracking Properties**

## 7. Notification Properties



**Figure 10 – Notification Properties**

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## Table Design

### I. Table Design

#### 1. Accounts Table

Accounts					
Serial	Fields	Data type	Keys	Constrains	Description
1	account_id	INT	PRIMA RY KEY	IDENTIT Y (1, 1)	Account Identity
2	username	VARCHAR(50)		NOT NULL, UNIQUE	Username of account
3	hashed_passw ord	VARCHAR(60)		NOT NULL	Using Bcrypt(10) to hash password
4	user_role	VARCHAR(10)		DEFUAL T 'USER' CHECK user_role IN ('ADMIN', 'USER')	Role of account, only two values ("ADMIN" or "USER")

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## 2. Seasons Table

Seasons					
Serial	Fields	Data type	Keys	Constrains	Description
1	season_name	VARCHAR(10)		NOT NULL CHECK (season_name IN ('WINTER', 'SPRING', 'SUMMER', 'FALL'))	Only four seasons in year, includes: Winter (From Jan), Spring (from April), Summer(from July), Fall (from Oct)
2	season_year	SMALLINT		NOT NULL CHECK (season_year >= 1950 AND season_year <= 2100)	Season year only from 1950 to 2100
3				PRIMARY KEY (season_name, season_year)	Primary key created by season_name and year

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### 3. Studios Table

Studios					
Serial	Fields	Data type	Keys	Constrains	Description
1	studio_id	INT	PRIMAR Y KEY	IDENTITY( 1, 1)	Studio identity
2	studio_na me	NVARCHAR(10 0)		NOT NULL UNIQUE	English studio name
3	logo_url	VARCHAR(255)			Geted a string after generating upload image file
4	best_anim es	NVARCHAR(M AX)			List best animes of studio

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#### 4. Animes Table

Animes					
Serial	Fields	Data type	Keys	Constrains	Description
1	anime_id	INT	PRIM ARY KEY	IDENTITY, AUTO INCREMENT	Anime Identity
2	studio_id	INT	FORIE GN KEY	REFERENCES Studios(studio_id)	One anime can be only belong to once Studio
3	season_name	VARCHAR (10)	FORIE GN KEY	REFERENCES Seasons(season_name)	One anime can be only belong to once season
4	season_year	SMALLINT	FORIE GN KEY	REFERENCES Seasons(season_year)	One anime can be only belong to once season
5	title	VARCHAR (50)		NOT NULL	Name or Title of anime
6	poster_url	VARCHAR (255)			Geted a string after generating

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					upload image file
7	introduction	NVARCHAR R(MAX)			A short Introduction about this anime
8	anime_status	VARCHAR (15)		DEFAULT 'ONGOING' CHECK (anime_status IN ('ONGOING', 'COMPLETED', 'HIATUS', 'CANCELLED', 'UPCOMING')),	Status of producing this anime
9	anime_type	VARCHAR (10)		DEFAULT 'TV' CHECK (anime_type IN ('TV', 'MOVIE', 'OVA','SPECIAL'))	Type of Anime
10	total_episodes	SMALLINT		CHECK (total_episodes > 0)	Total episodes

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11	schedule_day	VARCHAR (10)		CHECK (schedule_day IN 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday', 'Sunday'))	A day of week - anime was aired
12	schedule_time	TIME(0)			A time of week - anime was aired

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## 5. Episodes Table

Episodes					
Serial	Fields	Data type	Keys	Constrains	Description
1	episode_id	INT	PRIMARY KEY	IDENTITY(1, 1)	Episodes identity
2	anime_id	INT	FOREIGN KEY	REFERENCE S Animes (anime_id)	One episode was belong to once anime
3	episode_number	SMALLINT		NOT NULL CHECK (episode_number > 0)	Present episode number when anime was aired
4	episode_title	VARCHAR(100)			Title of episode
5	air_date	DATETIME2(0)			Airing daytime

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## 6. Trackings Table

Trackings					
Serial	Fields	Data type	Keys	Constrains	Description
1	tracking_id	INT	PRIMA RY KEY	IDENTITY, AUTO INCREMENT	Tracking identity
2	user_id	INT	FORIEG N KEY	NOT NULL, REFERENCES Accounts(account _id)	Only accounts with "USER" role. One Tracking was belong to once user.
3	anime_id	INT	FORIEG N KEY	NOT NULL, REFERENCES Animes(anime_id )	One tracking was belong to once anime
4	anime_status	VARCHAR (15)		DEFAULT 'WATCHING' CHECK (tracking_status	Tracking Anime Status

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				IN ('WATCHING', 'COMPLETED', 'ON_HOLD', 'DROPPED', 'PLAN_TO_ WATCH')),	
6	last_watched_episode	SMALLINT		CHECK (last_watched_episode > 0)	last watched episode
7	score	TINYINT		CHECK (rating >= 1 AND rating <= 5)	Rating about this anime
8	note	NVARCHAR R(MAX)			Where user can note about: where watching, feeling, ....

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## 7. Notification Table

Notifications					
Serial	Fields	Data type	Keys	Constrains	Description
1	notification_id	INT	PRIMARY KEY	IDENTITY, AUTO INCREMENT	Notification identity
2	user_id	INT	FOREIGN KEY	NOT NULL, REFERENCES Account(account_id)	Only accounts with "USER" role. One Tracking was belong to once user.
3	anime_id	INT	FOREIGN KEY	NOT NULL, REFERENCES Anime(anime_id)	One tracking was belong to once anime
4	created_at	DATETIME(2)		DEFAULT GETDATE()	Daytime of notification was created
5	is_read	BIT		DEFAULT 0	Whether this notification was read.

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.</b> 04/ERD/Ver1.0
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 23 of 53

					"O" was't read. "1" is was read.
6	title	VARCHAR(5 0)		NOT NULL	Title of this notification

	<b>Prepared by (Student)</b> <b>Project Group No:</b> 05	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 24 of 53

## II. Relationship Diagram

### 1. Raw

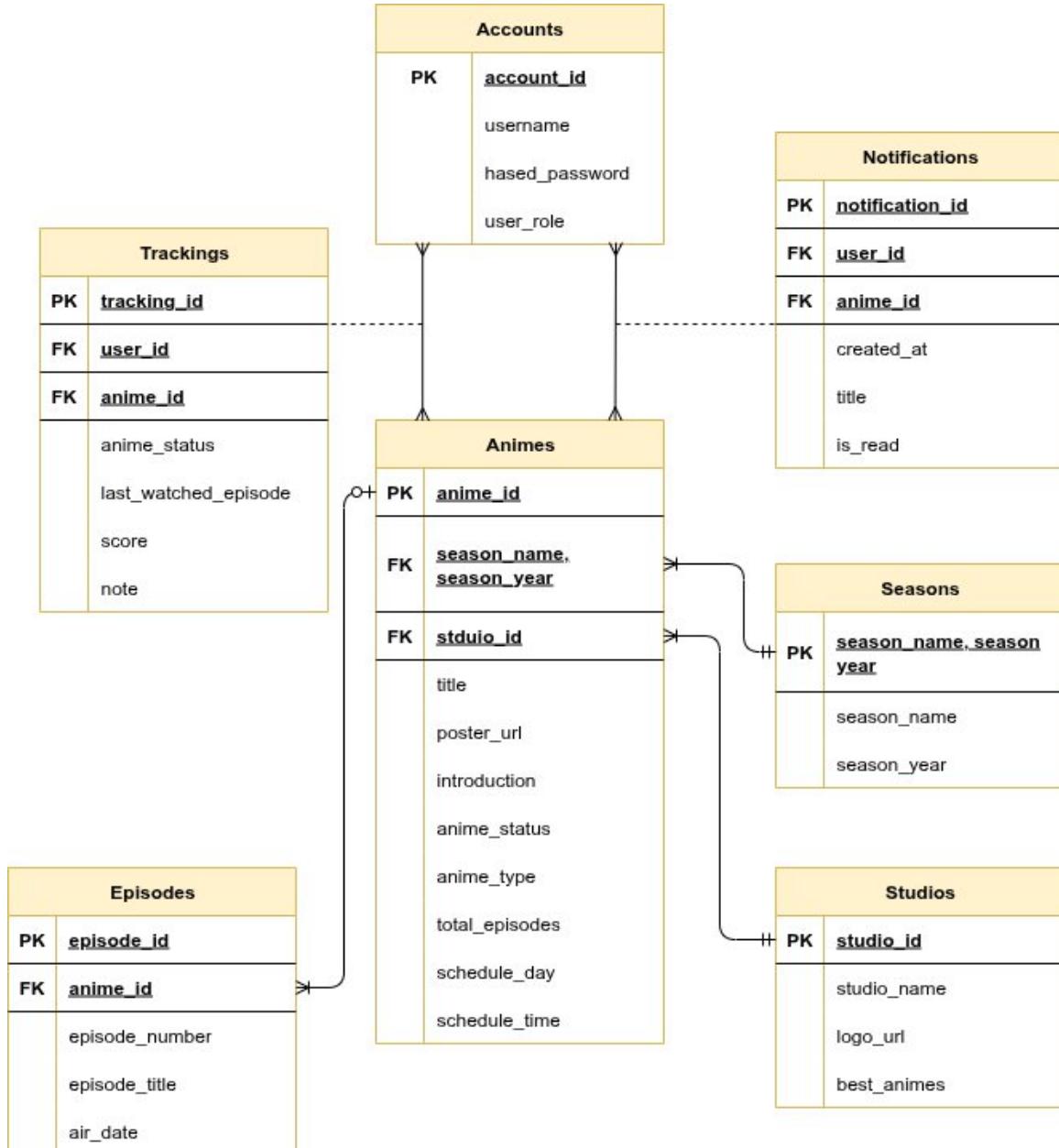


Figure 11 - ERD Raw

	<b>Prepared by (Student)</b> Project Group No: 05	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 25 of 53

## 2. Generated from SQL Server Manager

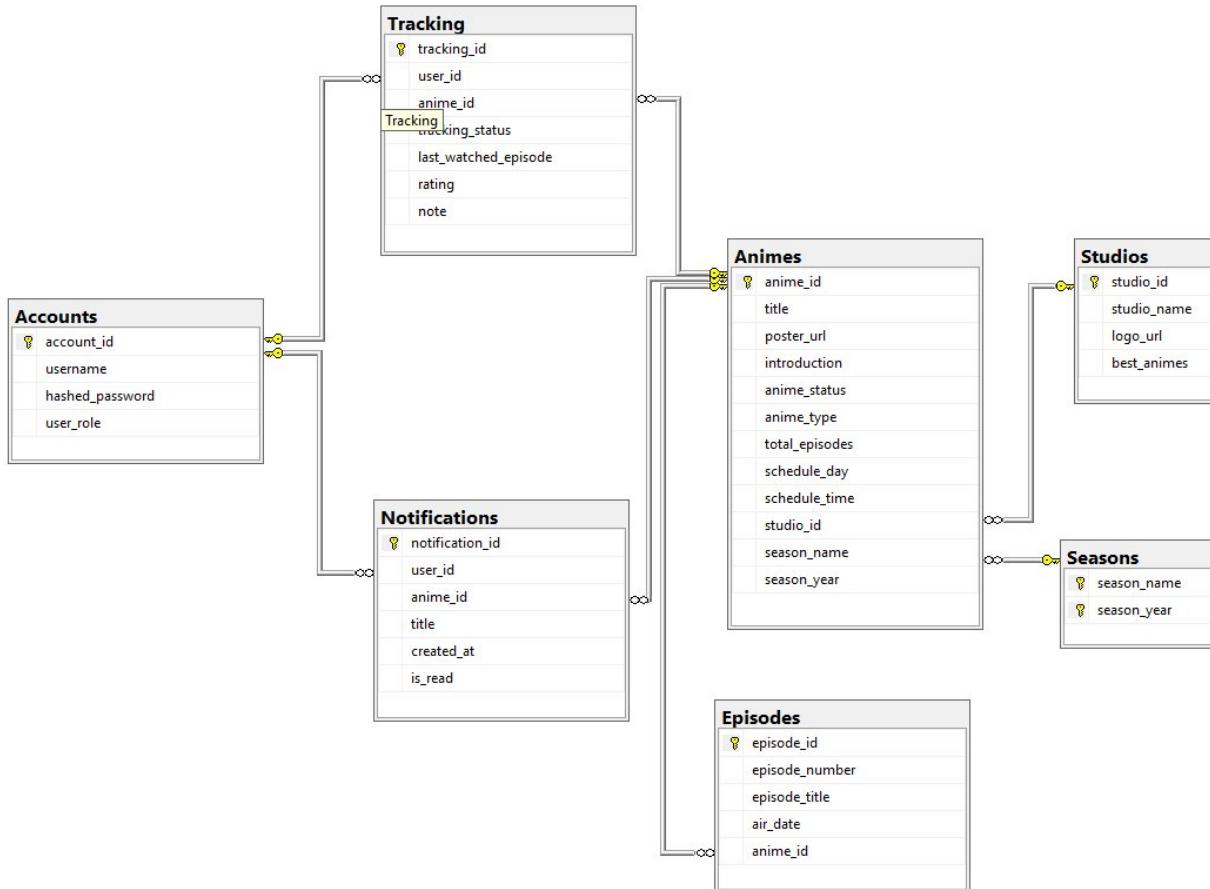


Figure 12 – ERD Full

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 26 of 53

# Algorithm

## I. Administrator

### 1. Anime Management

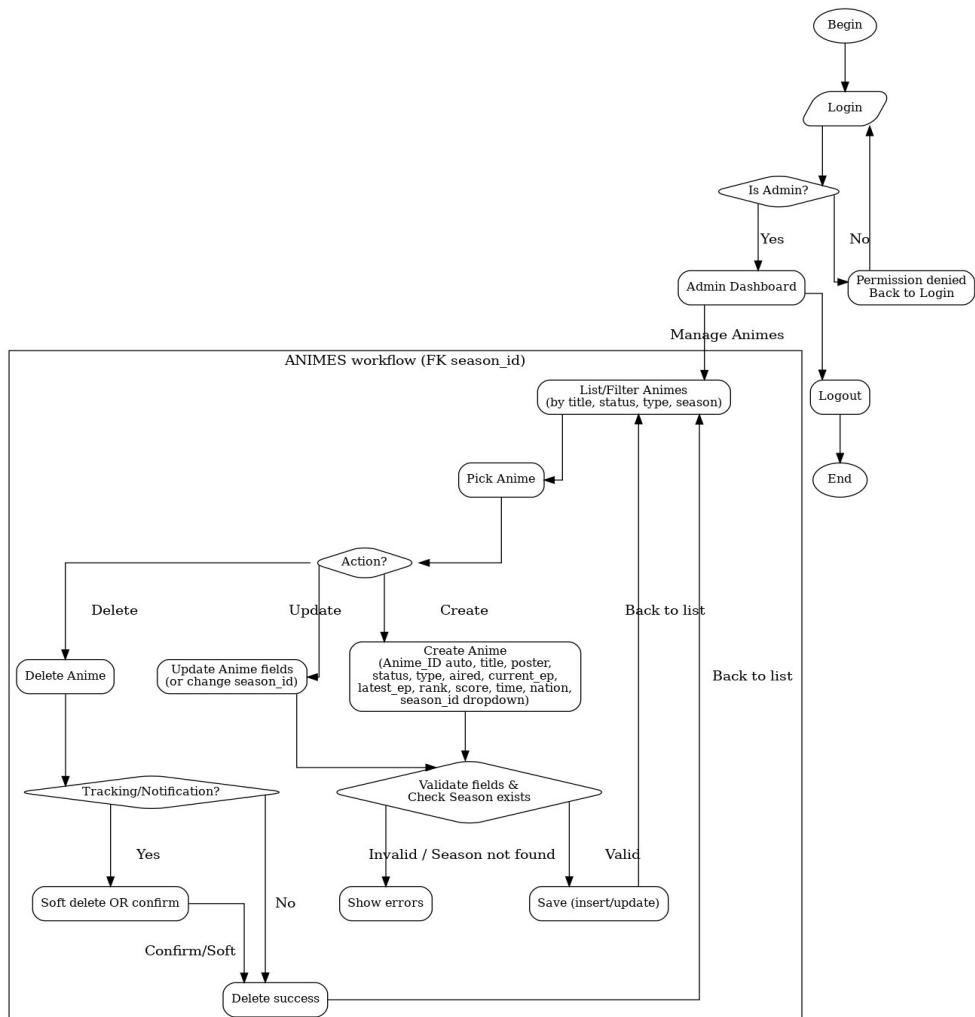


Figure 13 – Anime Management

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 27 of 53

## 2. Season/Studio Management (*Studio is same Season*)

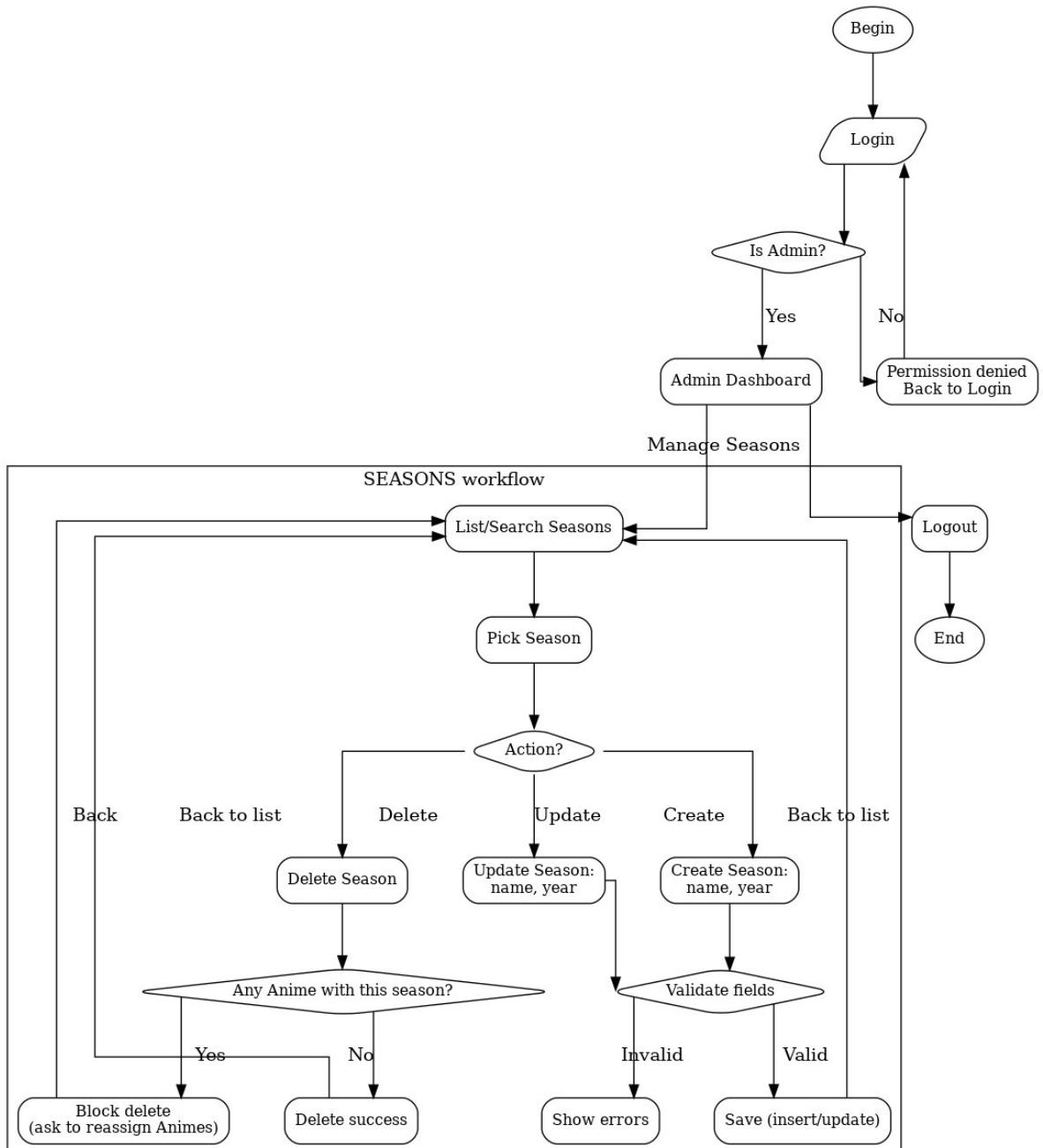


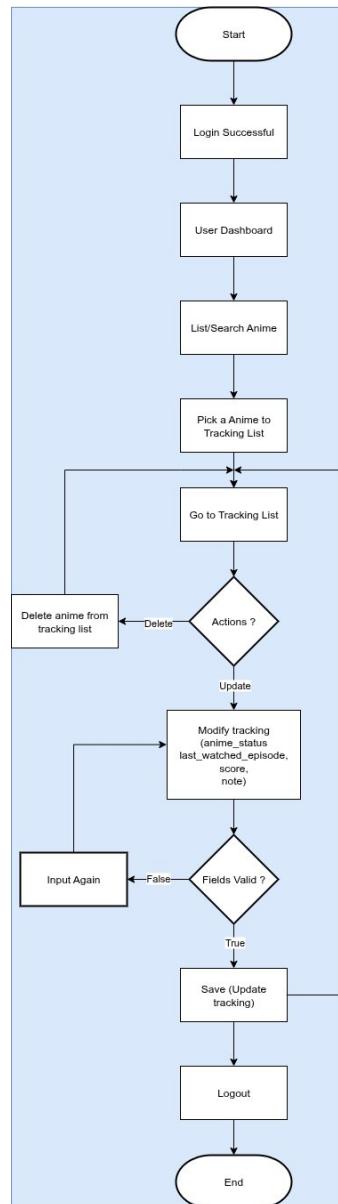
Figure 14 – Season Management

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 28 of 53

## II. User

### 1. Tracking Anime

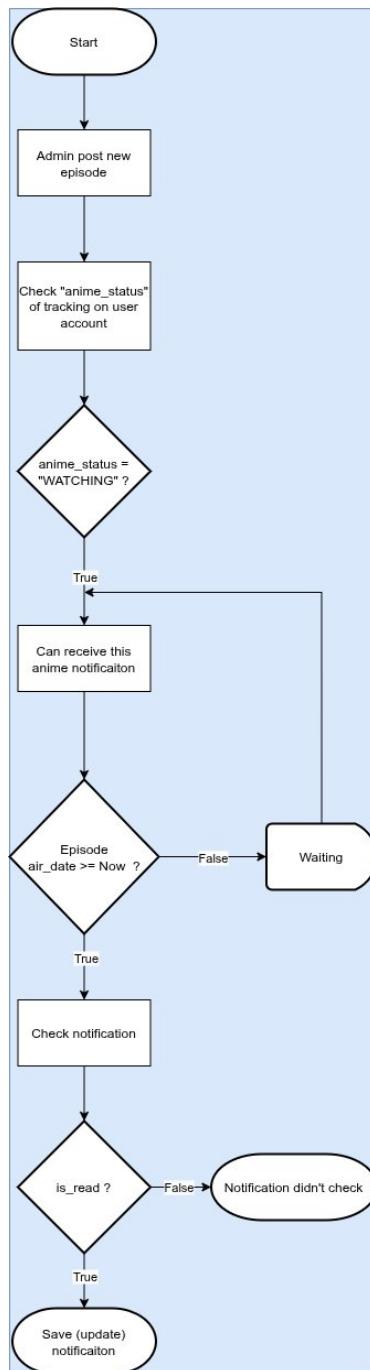


**Figure 15 - Tracking Anime**

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 29 of 53

## 2. Notification Management



**Figure 16 – Notification Management**

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 30 of 53

### III. Authentication

#### 1. Login

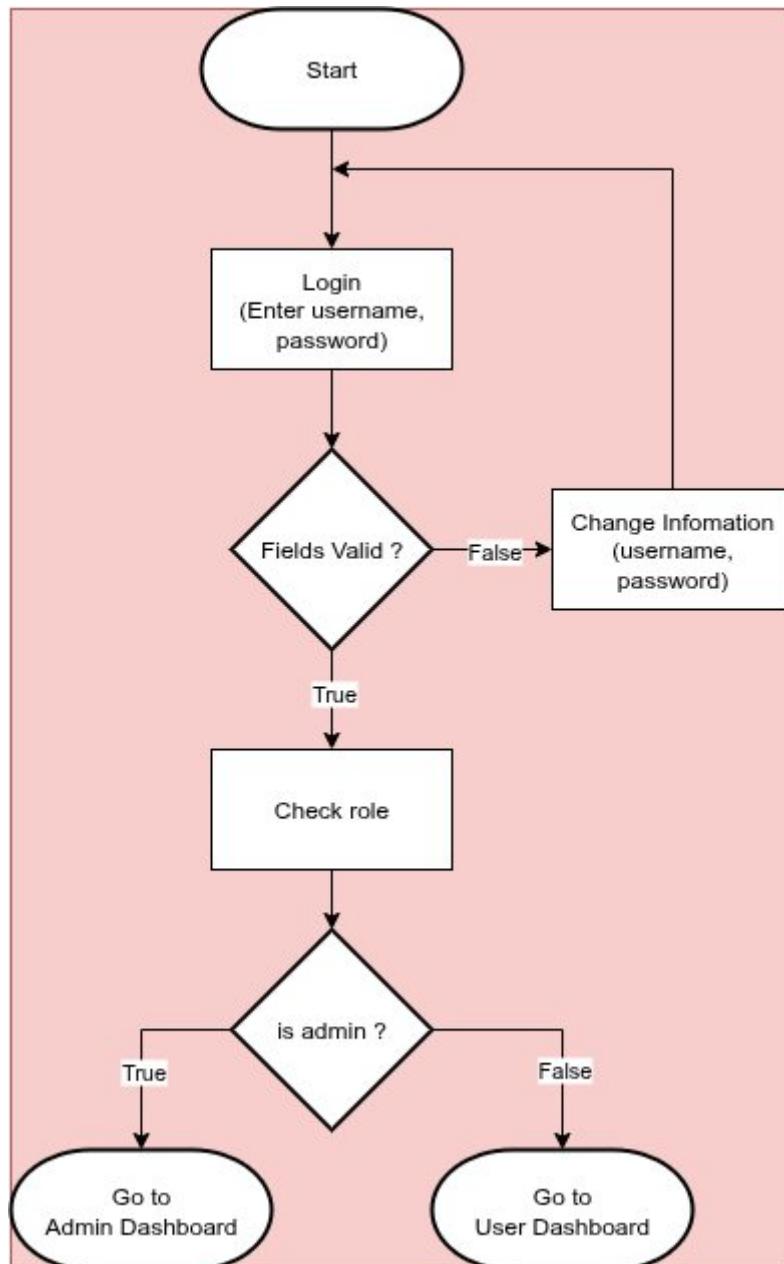


Figure 17 - Login

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Entity Relationship Diagram	<b>SWD/Form No.04/ERD/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version 1.0</b>	<b>Page No:</b> 31 of 53

## 2. Register

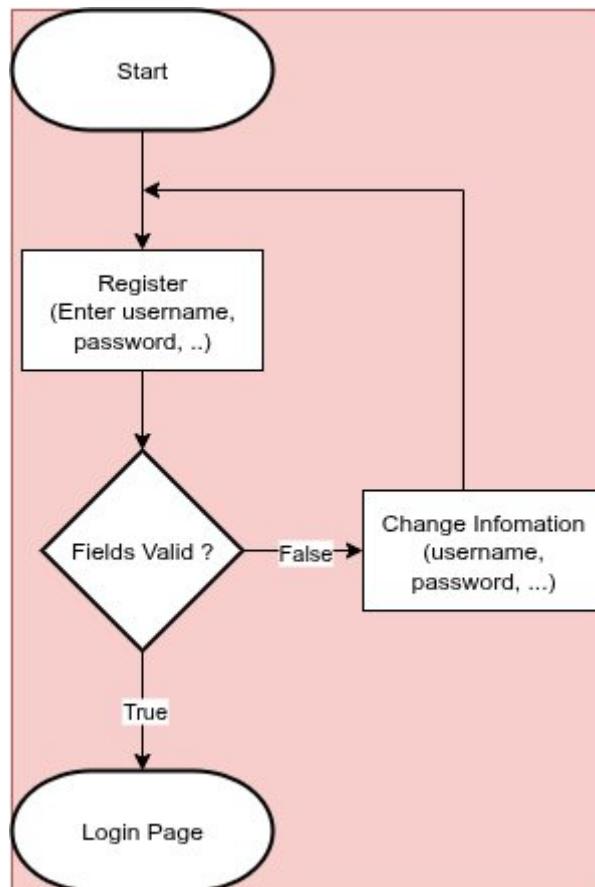


Figure 18 - Register

	<b>Prepared by (Student)</b> <b>Project Group No: 05</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

# **Review 03**

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 33 of 53

## Screen shots

### I. Database Configuration

**Database Configuration**

Host Name:

Port:

Database Name:

User:

Password:

**OK**    **Reset**

**Description** : The page edits the information to connect to your SQL Server  
**From** : Do it before opening the App  
**To** : Login Page

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 34 of 53

## II. Authentication

### 1. Login

The image shows a modal window titled "Login to Anime Tracker". It has two input fields: "Username" and "Password", both represented by gray rectangular boxes. Below these fields is a large black rectangular button labeled "Login" in white text. In the top right corner of the modal, there is a small "X" icon.

**Description** : This is a popup to login to application. When you was logged in, you can tracking anime

**From** : Login button on Header of User Dashboard

**To** : Overview Tab

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 35 of 53

## 2. Register

The image shows a registration form titled "Register for Anime Tracker". It features three input fields: "Username", "Email", and "Password", each with a text input box. Below these fields is a large, dark blue "Register" button.

**Description** : This is a popup to register a new account.

**From** : Register button on Header of User Dashboard

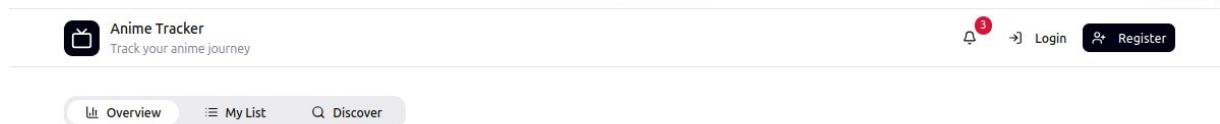
**To** : Login Page

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 36 of 53

### III. User Pages

#### 1. Header of User Dashboard

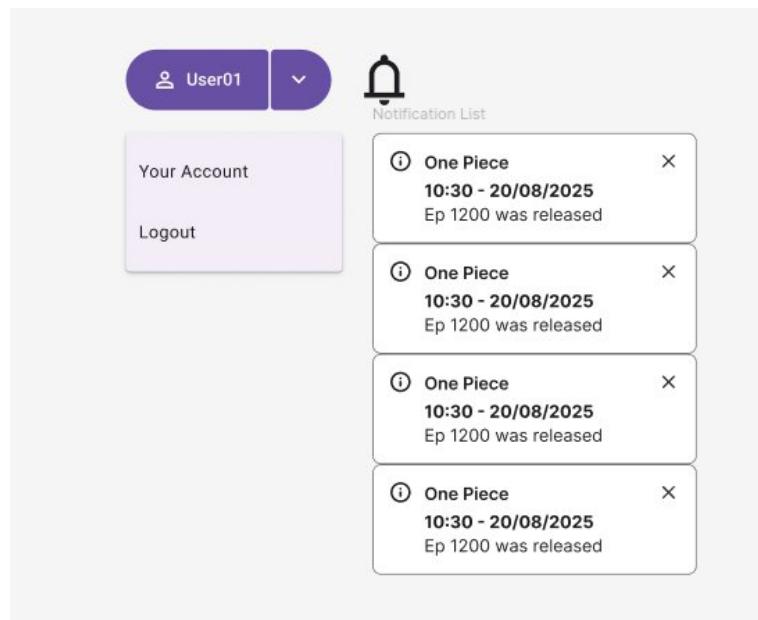


**Description :** This is Header of User Dashboard. It contains button to navigate to all pages and tabs.

**From :** None

**To :** All

#### 2. Notification



**Description :** Showing latest notifications was sent when new episode was airing.

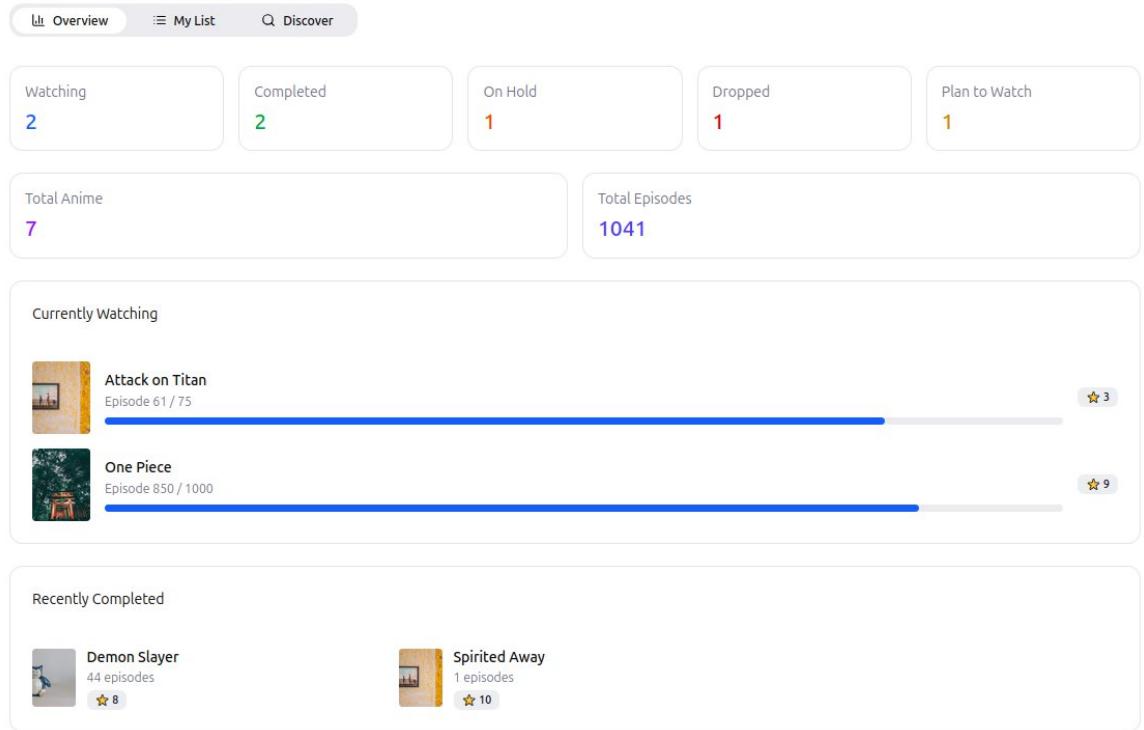
**From :** When you click on Bell icon on Header of User Dashboard

**To :**

	<b>Prepared by (Student) Project Group No:</b>	<b>Approved by (Faculty)</b>
<b>Signature</b>		LE THANH NHAN
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 37 of 53

### 3. Overview Tab (1)



**Description** : This is Overview Tab. It shows statistics about the general status of anime series.

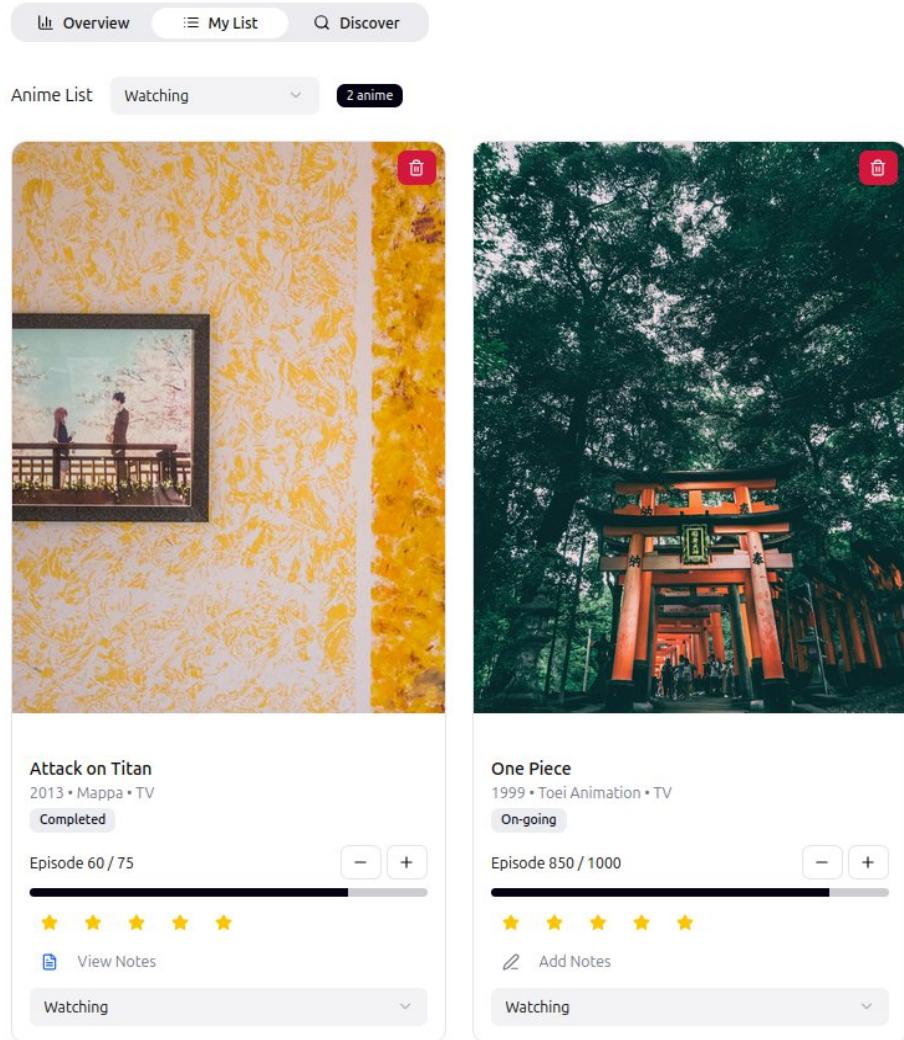
**From** : When you click Overview tab. (You already have login)

**To** : My List tab, Discover tab

	<b>Prepared by (Student) Project Group No:</b>	<b>Approved by (Faculty)</b>
<b>Signature</b>		LE THANH NHAN
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
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#### 4. My List Tab (2)



**Description** : This is My List tab. It contains details of tracked anime and can change their status.

**From** : When you click My List tab. (You already have login)

**To** : Overview tab, Discover tab

	<b>Prepared by (Student) Project Group No:</b>	<b>Approved by (Faculty)</b>
<b>Signature</b>		LE THANH NHAN
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 39 of 53

## 5. Discover Tab (3)

The screenshot shows the 'Discover' tab of an anime tracking application. At the top, there are three tabs: 'Overview', 'My List', and 'Discover' (which is highlighted). Below the tabs is a search bar labeled 'Search anime by title or genre...'. Underneath the search bar are three filter sections: 'Season & Year' (set to 'All Seasons'), 'Studio' (set to 'All Studios'), and 'Airing Status' (set to 'All Status'). A button 'Clear Filters' is located in the top right corner. The main area displays three anime entries, each with a thumbnail image, title, studio, release date, and episode count. Each entry also has a '+ Add' button at the bottom.

Series	Studio	Release Date	Episodes	Action
Jujutsu Kaisen	Mappa	Fall 2020 11:25 PM Oct 3, 2020	24 eps	+ Add
My Hero Academia Season 7	Bones	Spring 2024 5:30 PM May 4, 2024	21 eps	+ Add
Chainsaw Man Movie	Mappa	Summer 2025 8:00 PM Jul 15, 2025	1 eps	+ Add

**Description** : This is Discover tab. It contains all the information about anime series. It also allows you to search, filter and add to your tracking list.

**From** : When you click My List tab. (You can access this tab although you wasn't login)

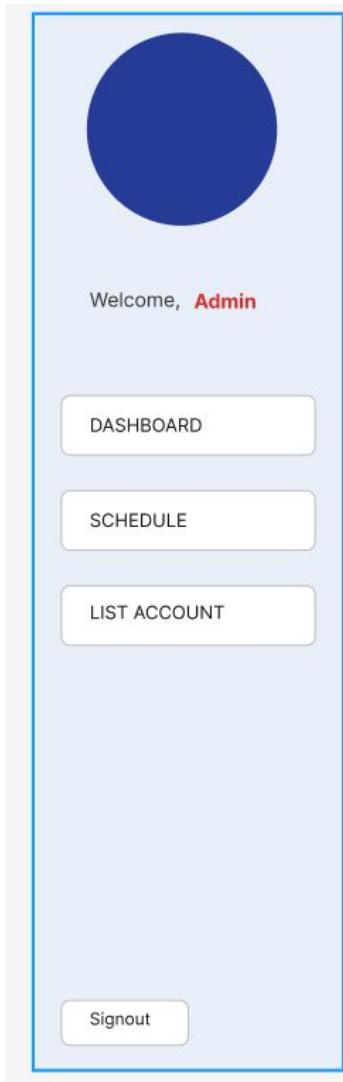
**To** : Overview tab, Discover tab (If you was login)

	<b>Prepared by (Student) Project Group No:</b>	<b>Approved by (Faculty)</b>
<b>Signature</b>		LE THANH NHAN
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 40 of 53

## IV. Admin Pages

### 1. Admin Navigation



**Description** : You can navigate to Anime Management or Account Management.

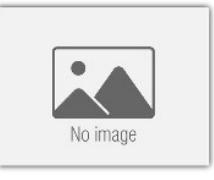
**From** : After you login with admin account.

**To** : Anime Management, Account Management

	<b>Prepared by (Student) Project Group No:</b>	<b>Approved by (Faculty)</b>
<b>Signature</b>		LE THANH NHAN
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 41 of 53

## 2. Anime Management

Poster	Title	Type	Status	Aired	Season	Episode	Synopsis	Daybroadc...	Nation
	One Piece	Movies	Finished	2024-05-09	Summer	1	fgfgfgf	Wednesday	Japan
Title: [REDACTED] Aired: [REDACTED] Synopsis: [REDACTED] Type: [REDACTED] Season: [REDACTED] Day Broadcast: [REDACTED] Status: [REDACTED] Episode: [REDACTED] Nation: [REDACTED]  No image									
Add    Update    Delete    Clear									

**Description** : Information about Anime and Form allow to modify these anime

**From** : Anime Management Button from navigation

**To** : None

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Screen shots	<b>SWD/Form No.07/SS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 42 of 53

### 3. Account Management

#### Admin Dashboard

Manage user accounts in the system.

##### Add New Account

Username

Password

Role

Editor

[+ Add Account](#)

##### Account List

#	USERNAME	ROLE	PASSWORD	ACTION
1	admin	Admin	*****	<a href="#">Delete</a>
2	editor01	Editor	*****	<a href="#">Delete</a>
3	viewer	Viewer	*****	<a href="#">Delete</a>

**Description** : Information about Account and form allow to modify these account.

**From** : Account Management Button from navigation

**To** : None

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b>	<b>Document Name:</b> Testing document	<b>SWD/Form No.08/TD/Ver1.0</b>
<b>Effective Date:</b>	<b>Version 1.0</b>	<b>Page No: 43 of 53</b>

## Testing document

<b>Sr.No</b>	<b>Features Tested</b>	<b>Remarks</b>
1	Test case	Pass
2	Test plan	Pass
3	Test scenario	Pass
4	Test report	Pass
5	Requirements Specification	Pass
6	Functional Specification	Pass
7	Use-Case Reports	Pass
8	Project Plan	Pass
9	Design Specifications	Pass
10	Prototype	Pass
11	User's Manuals	Pass
12	Business Functions and Rules	Pass
13	Project or Business Risk Assessment	Pass
14	Responsibilities	Pass
15	Approvals	Pass

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b>	<b>Document Name:</b> Final checklist	<b>SWD/Form No.09/FC/Ver1.0</b>
<b>Effective Date:</b>	<b>Version 1.0</b>	<b>Page No: 44 of 53</b>

## Final checklist

Sr.No	Aspect Tested	Suggestion/ Remarks
1	Are all the users able to view the images and links?	OK
2	Have all the views, modules and controllers been properly integrated and is the site function as a single page application?	OK
3	Are the GUI content devoid of spelling mistakes?	OK
4	Is the application user-friendly?	OK
5	Is the Website launching correctly in all popular browsers?	OK
6	Are all the forms validated with proper criteria?	OK
7	Do all text links lead to the appropriate website?	OK
8	Do all image links lead to the appropriate website?	OK
9	Are all the images and links clearly visible on the page?	OK
10	Does the Web page work properly in all the tested browsers?	OK
11	Does the Web page take too long to be loaded fully?	OK
12	Is the navigation sequences correct through all the Web pages on the site?	OK
13	Is the JavaScript code working as expected in all click events?	OK

	<b>Prepared by (Student)</b> <b>Project Group No:</b>	<b>Approved by (Faculty)</b> <b>LE THANH NHAN</b>
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Task Sheet	<b>SWD/Form No.10/TS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 45 of 53

No	Member	Contents		Table Name	Activity Plan		Date of Preparation of Activity Plan		
					Planed Start Date	Actual Start Date	Actual Days	Status	
1	Lê Vinh Chí	User	<p>Search anime with Jikan API, show Anime</p> <p>Add anime to tracking</p> <p>View, filter and setting tracking Anime</p>	Anime Season, Studio, Tracking					
2									
3					20/08/2025	10/2025	20	OK	
4					20/08/2025	25/09/2025	35	OK	
1	Phạm Hoàng Minh Quân	User	Add Anime, season and studio from local	Anime, Seasons, Studio					
2									
3					20/08/2025	20/08/2025	6	N/A	
4					20/08/2025	20/08/2025	4	N/A	
1	Thân Thê Lộc	Admin		Tracking, Notification					
2									
3		User	Analysis Tracking data		20/08/2025	20/08/2025	5	N/A	
4			Show notification when time coming		20/08/2025	20/08/2025	5	N/A	
1	Huỳnh Quốc Huy	NONE	N/A		N/A	20/08/2025	20/08/2025	5	N/A

	<b>Prepared by (Student)</b> Project Group No:	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		

<b>Design Plan:</b> Tracking Anime	<b>Document Name:</b> Task Sheet	<b>SWD/Form No.10/TS/Ver1.0</b>
<b>Effective Date:</b> 20/08/2025	<b>Version</b> 1.0	<b>Page No:</b> 46 of 53

2									
3									
4									

	<b>Prepared by (Student)</b> Project Group No:	<b>Approved by (Faculty)</b> LE THANH NHAN
<b>Signature</b>		
<b>Date</b>		