



FPT ACADEMY INTERNATIONAL
FPT – APTECH COMPUTER EDUCATION

Tracking Anime

Supervisor: *LÊ THANH NHÂN*

Semester: *II*

Batch No: *T3.2307.E1*

Group No: *05*

Order:	Full name	Roll No.
1.	<i>Lê Vinh Chí</i>	<i>Student1477477</i>
2.	<i>Phạm Hoàng Minh Quân</i>	<i>Student1559433</i>
3.	<i>Thân Thé Lộc</i>	<i>Student1571994</i>
4.	<i>Huỳnh Quốc Huy</i>	<i>Student1614876</i>

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:

Date Of Issue:

Authorized Signature:

Content

Content

Acknowledge

Synopsis

Review1 1

Review2 7

Review3 32

Testing Document 43

Final Checklist 44

Task-sheet 45

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

Design Plan: Tracking Anime	Document Name: Problem Definition	SWD/Form No. 01/PD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 1 of 53

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.

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

Design Plan: Tracking Anime	Document Name: Problem Definition	SWD/Form No. 01/PD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 2 of 53

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.

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

Design Plan: Tracking Anime	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRSVer1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 3 of 53

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*

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

Design Plan: Tracking Anime	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRSVer1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 4 of 53

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.

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

Design Plan: Tracking Anime	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRSVer1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 5 of 53

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

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

Design Plan: Tracking Anime	Document Name: Customer Requirements Specifications	SWD/Form No.02/CRSVer1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 6 of 53

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

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

Review 02

Design Plan: Tracking Anime	Document Name: Architecture and design of the Application	SWD/Form No.03/ARD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 8 of 53

Architecture and design of the Application

I. Application Architecture

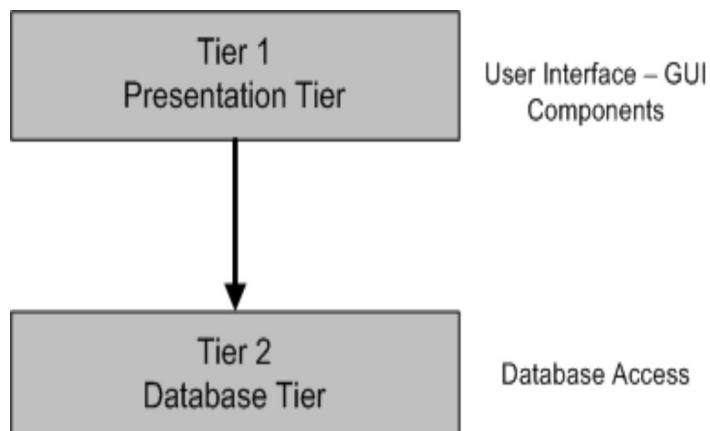


Figure 1 - Two-Tier Architecture of the Project

II. Data Flow Diagram

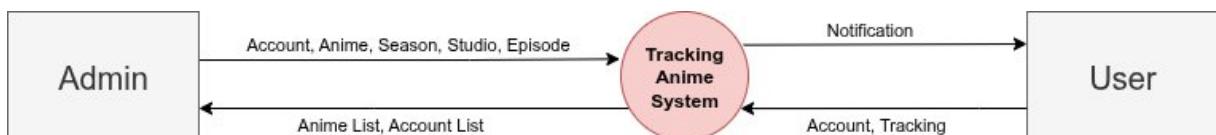


Figure 2 - DFD Level 0

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 9 of 53

Entity Relationship Diagram

I. ERD

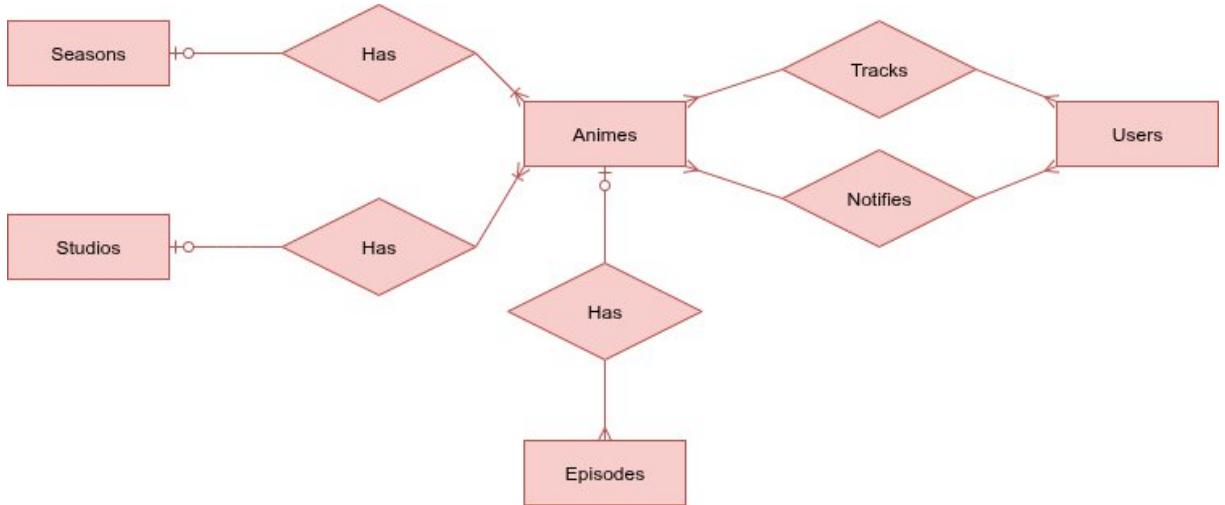


Figure 3 - ERD

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

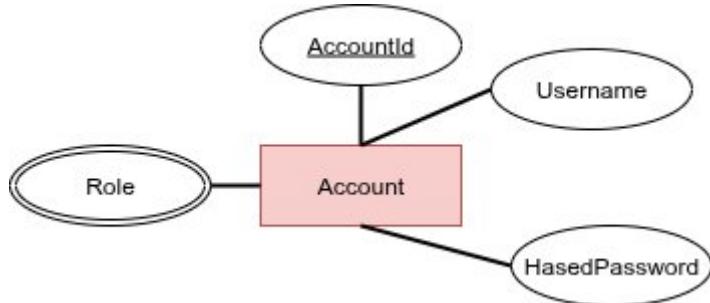


Figure 4 – Account Properties

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 10 of 53

2. Season Properties

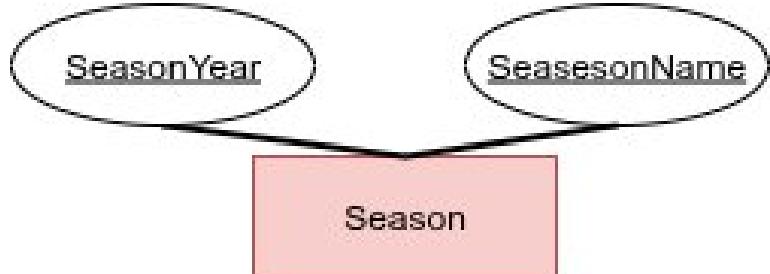


Figure 5 – Season Properties

3. Studio Properties

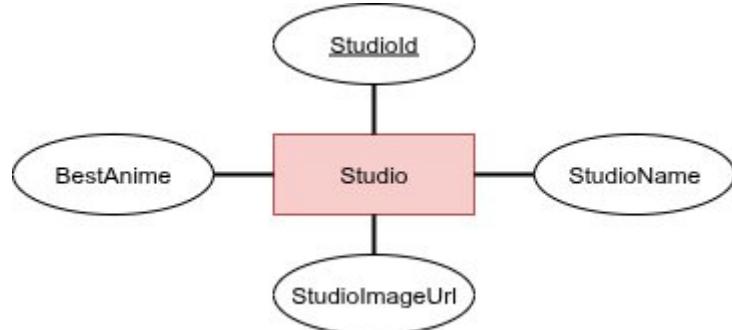


Figure 6 – Studio Properties

4. Anime Properties

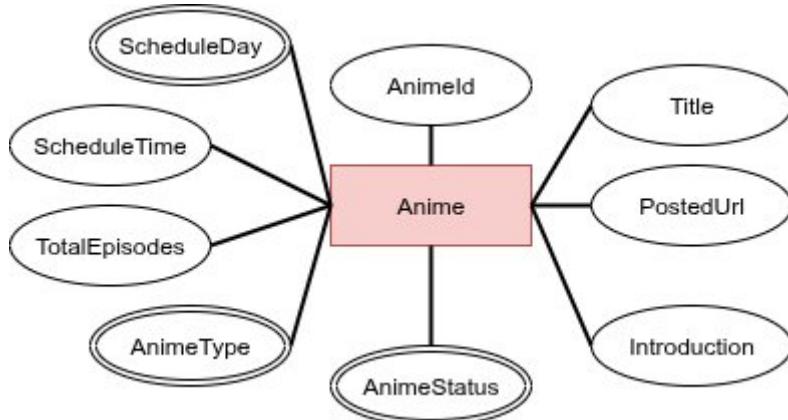


Figure 7 – Anime Properties

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 11 of 53

5. Episode Properties

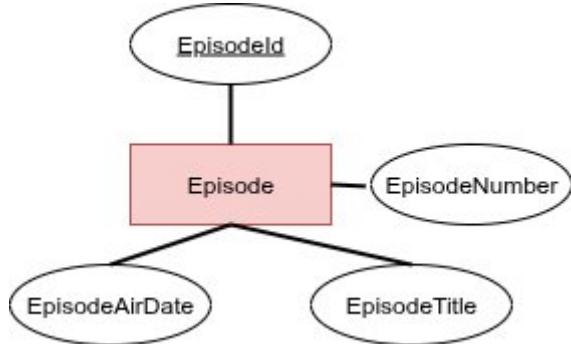


Figure 8 – Episode Properties

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 12 of 53

6. Tracking Properties

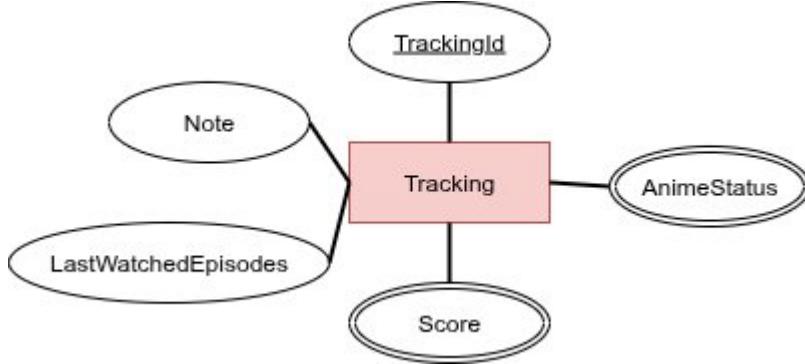


Figure 9 – Tracking Properties

7. Notification Properties

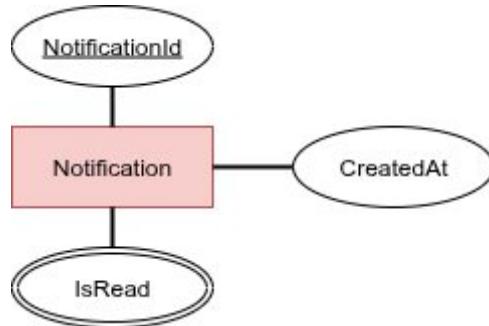


Figure 10 – Notification Properties

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No. 04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 13 of 53

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")

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 14 of 53

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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 15 of 53

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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 16 of 53

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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 17 of 53

					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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 18 of 53

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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 19 of 53

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

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

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

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

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No. 04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 21 of 53

				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,

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

Design Plan: Tracking Anime	Document Name: Entity Relationship Diagram	SWD/Form No.04/ERD/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 22 of 53

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.

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

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

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

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

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

II. Relationship Diagram

1. Raw

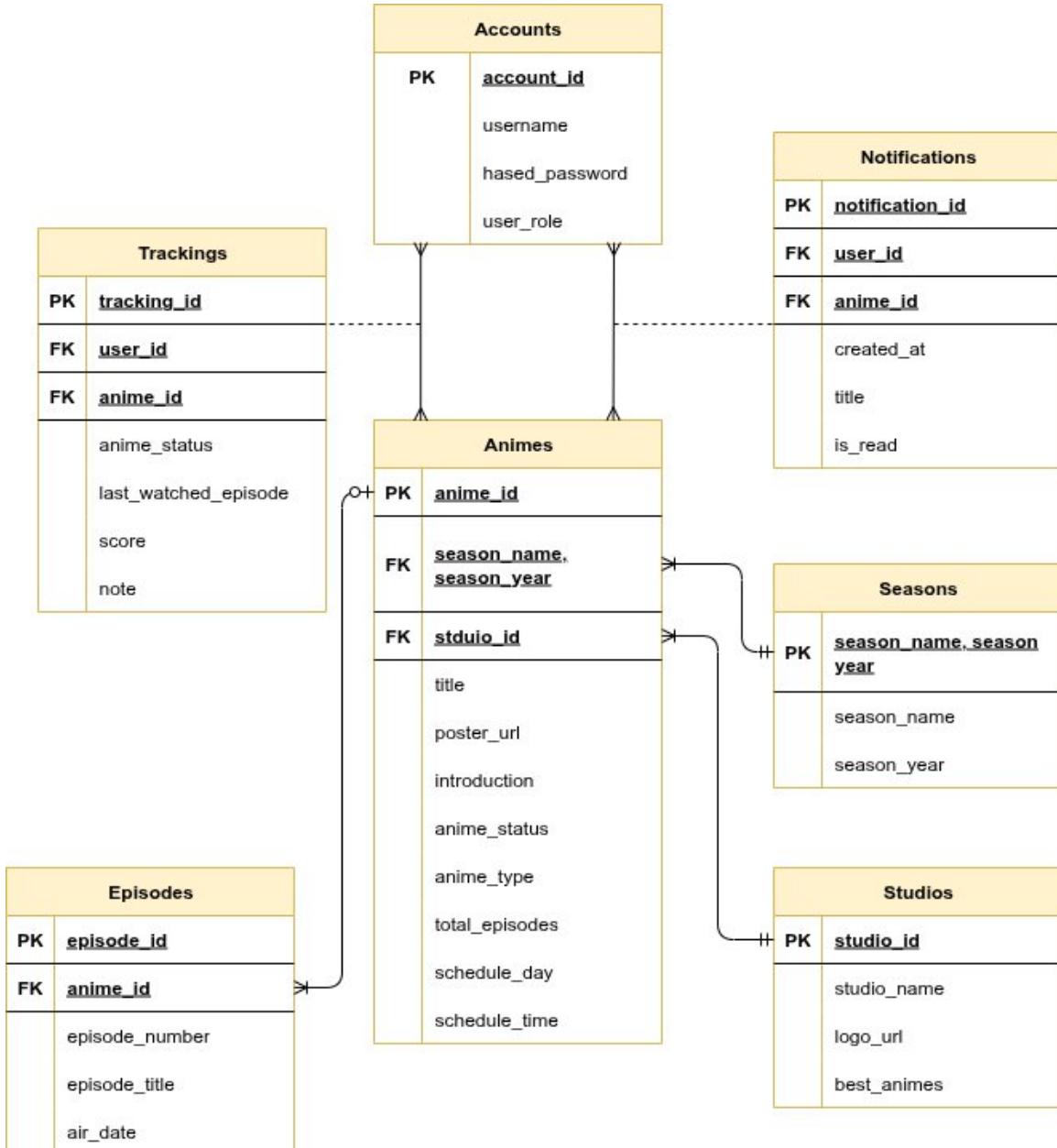


Figure 11 - ERD Raw

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

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

2. Generated from SQL Server Manager

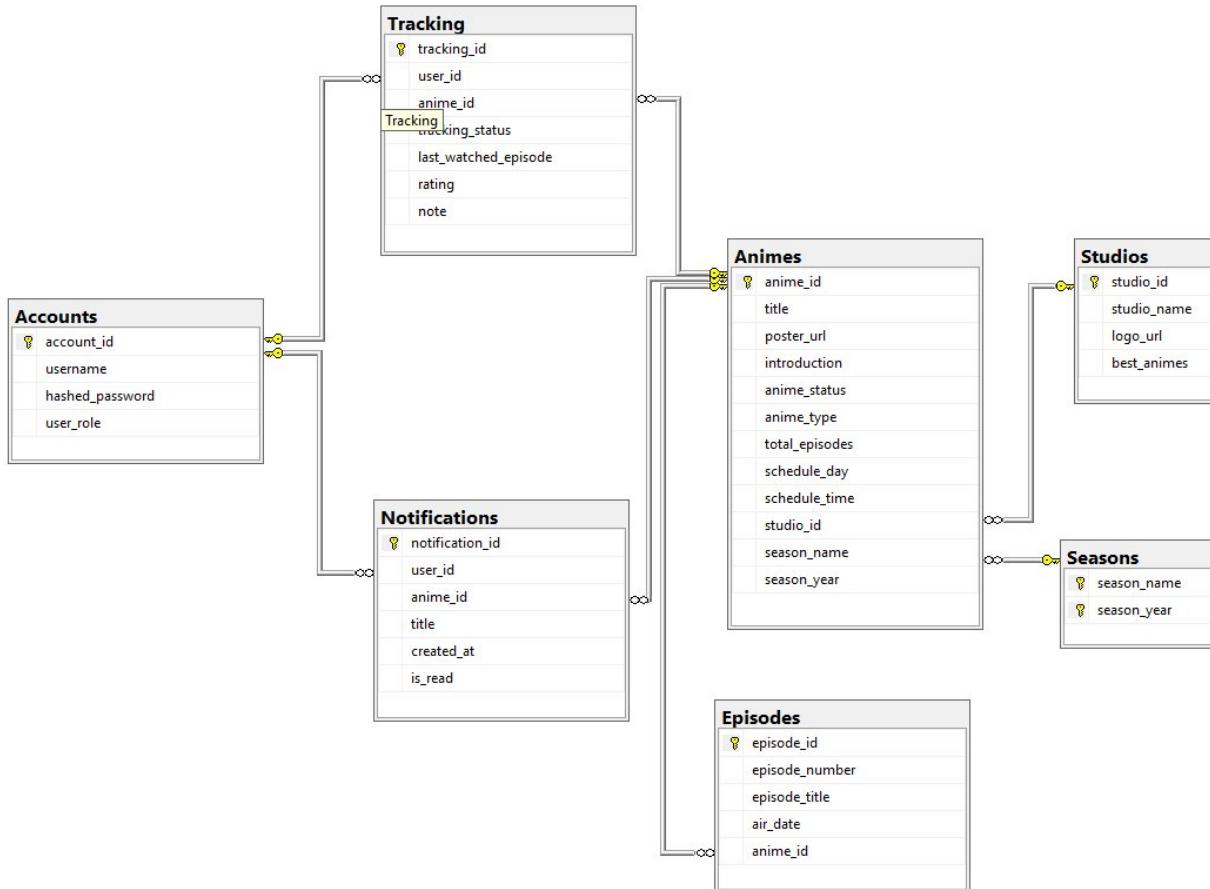


Figure 12 – ERD Full

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

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

Algorithm

I. Administrator

1. Anime Management

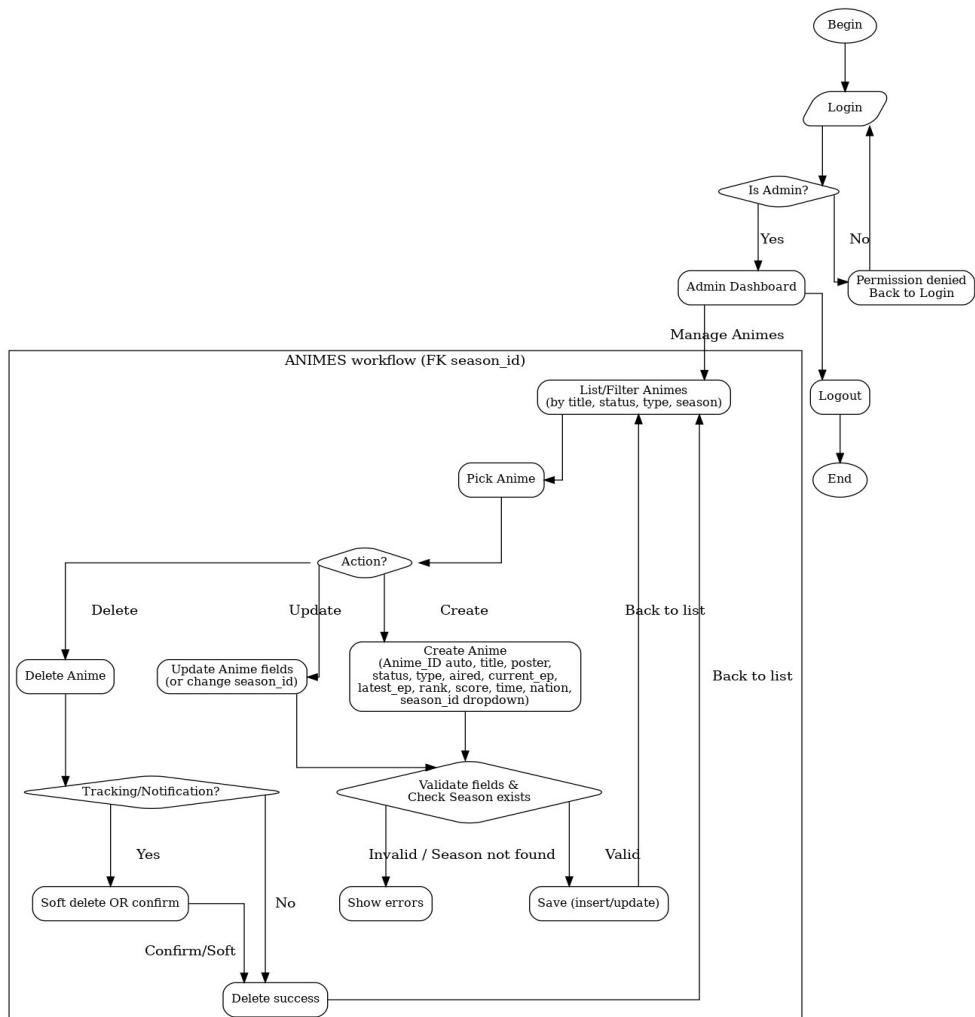


Figure 13 – Anime Management

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

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

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

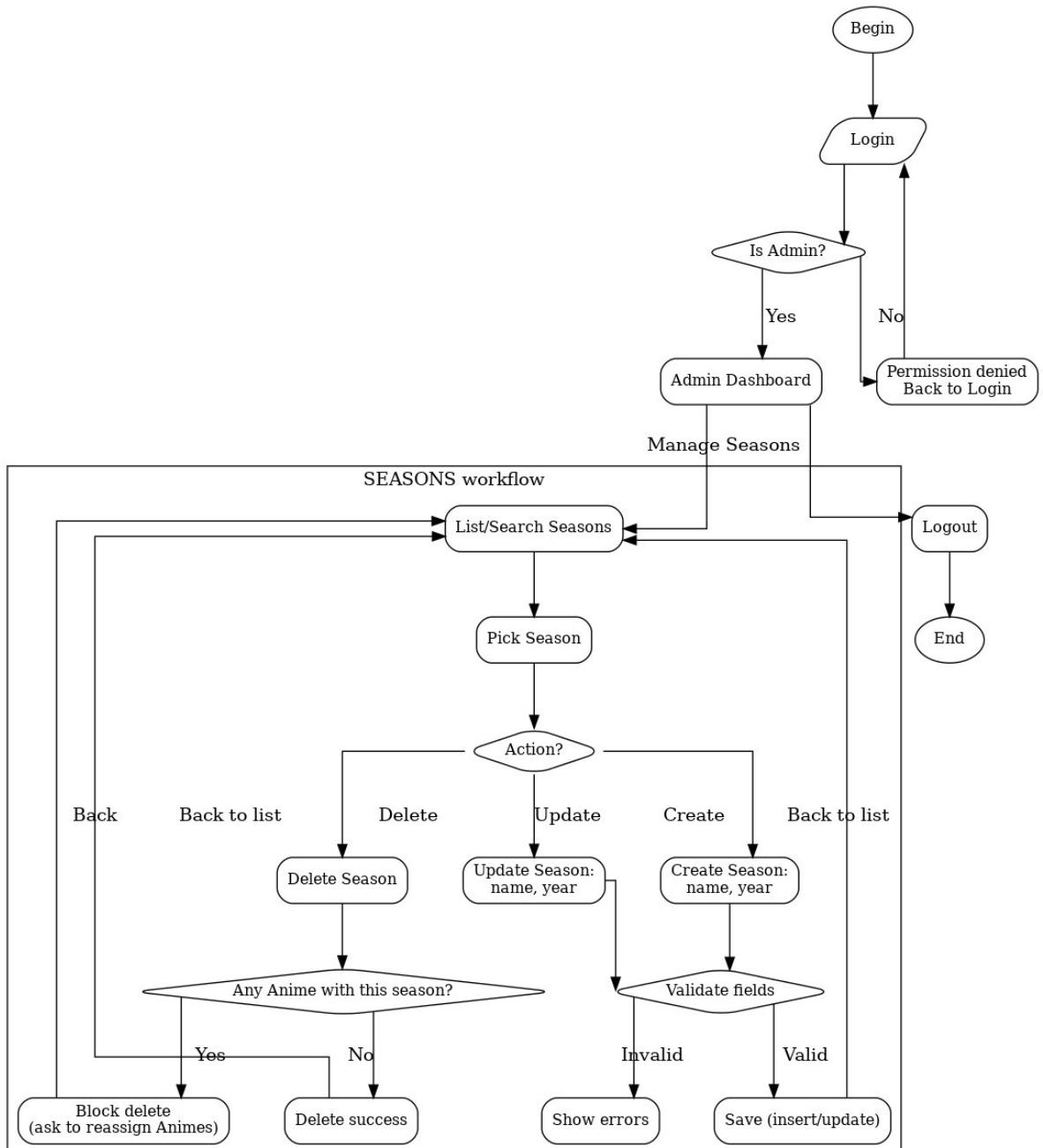


Figure 14 – Season Management

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

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

II. User

1. Tracking Anime

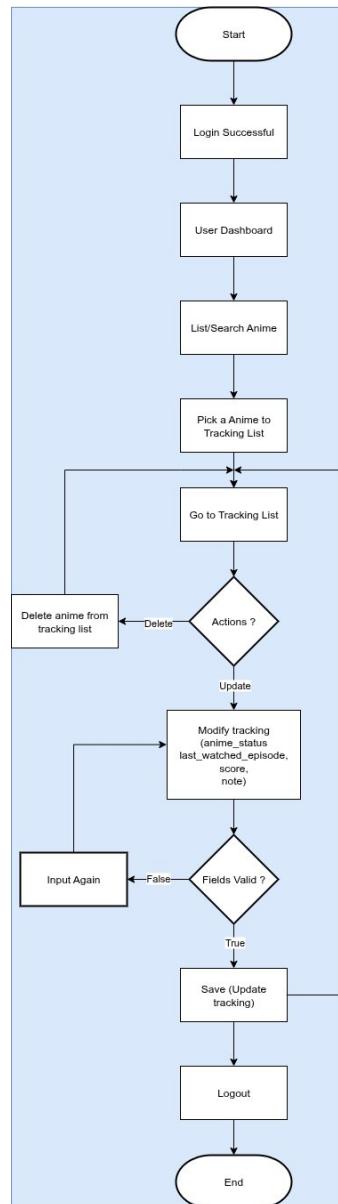


Figure 15 - Tracking Anime

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

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

2. Notification Management

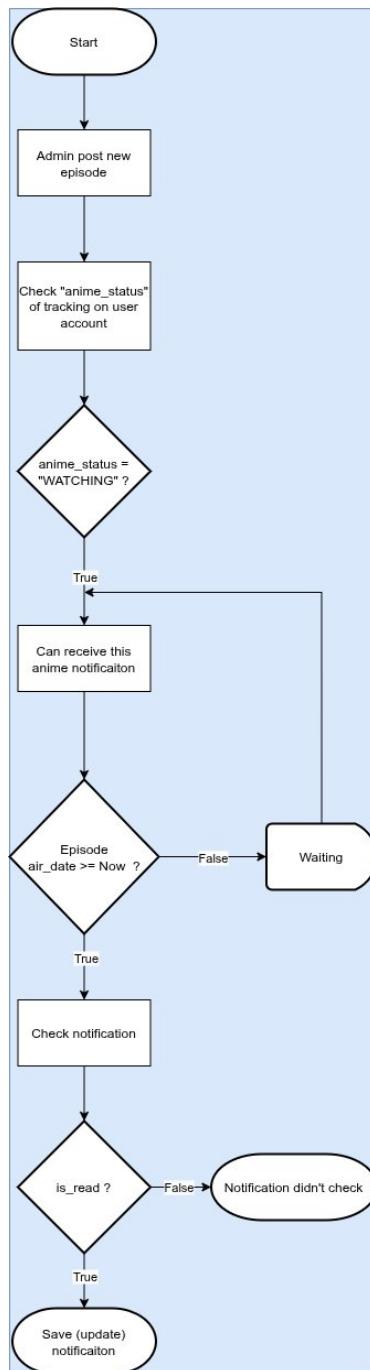


Figure 16 – Notification Management

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

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

III. Authentication

1. Login

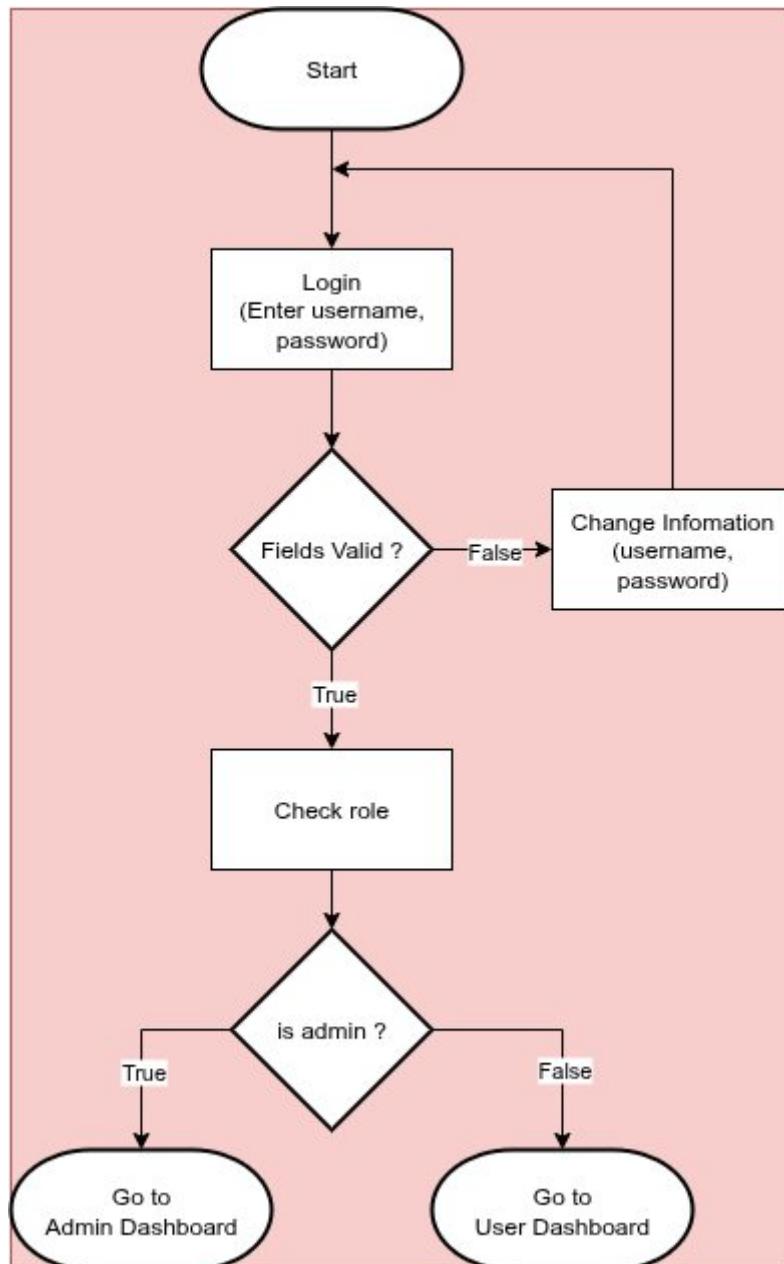


Figure 17 - Login

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

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

2. Register

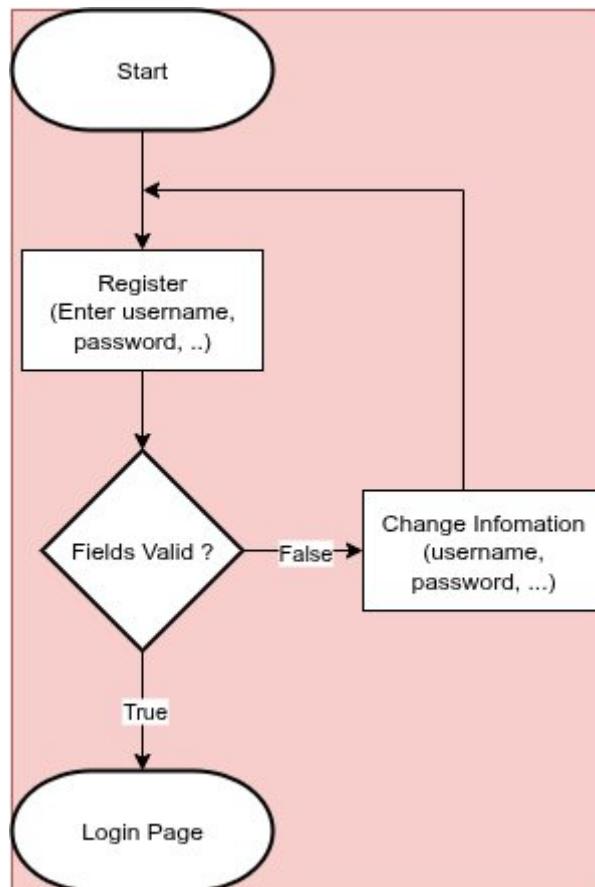


Figure 18 - Register

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

Review 03

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

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

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

II. Authentication

1. Login

The image shows a simple login interface. At the top, it says "Login to Anime Tracker". Below that are two input fields: one for "Username" and one for "Password", both shown as empty gray rectangles. At the bottom is a large, dark blue rectangular button with the word "Login" written in white.

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

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

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

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

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

III. User Pages

1. Header of User Dashboard

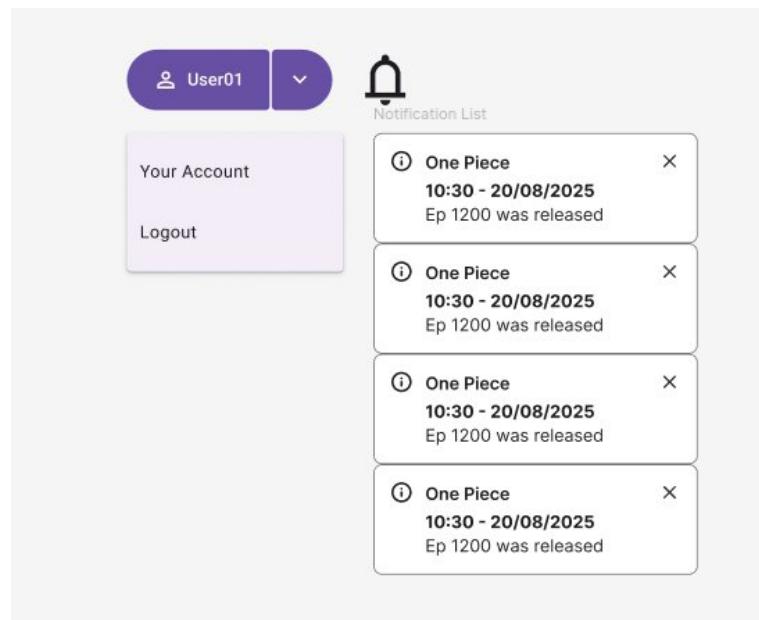


Description : This is Header of User Dashboard. It contains button to navigate to all pages and tabs.

From : None

To : All

2. Notification



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

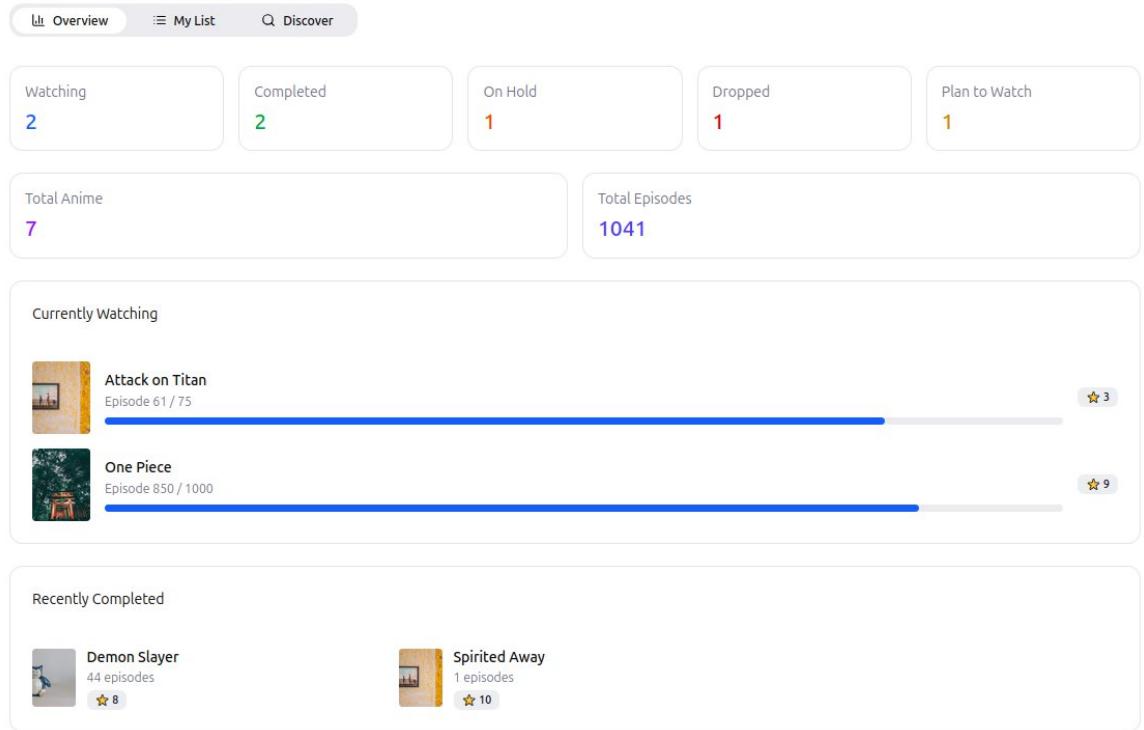
From : When you click on Bell icon on Header of User Dashboard

To :

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

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

3. Overview Tab (1)



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

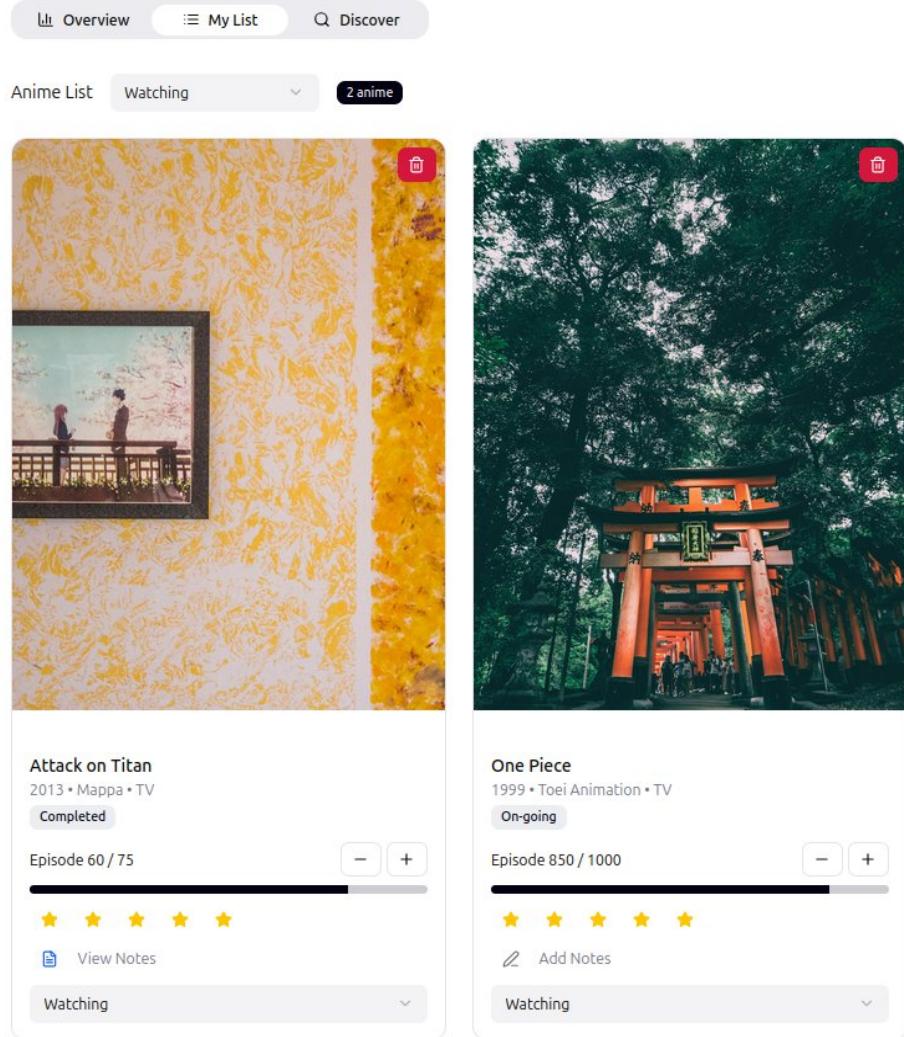
From : When you click Overview tab. (You already have login)

To : My List tab, Discover tab

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

Design Plan: Tracking Anime	Document Name: Screen shots	SWD/Form No.07/SS/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 38 of 53

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

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

Design Plan: Tracking Anime	Document Name: Screen shots	SWD/Form No.07/SS/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 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 year, episode count, and an 'Add' button.

Thumbnail	Title	Studio	Release Year	Episodes	Action
	Jujutsu Kaisen	Mappa	Fall 2020	24 eps	+ Add
	My Hero Academia Season 7	Bones	Spring 2024	21 eps	+ Add
	Chainsaw Man Movie	Mappa	Summer 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)

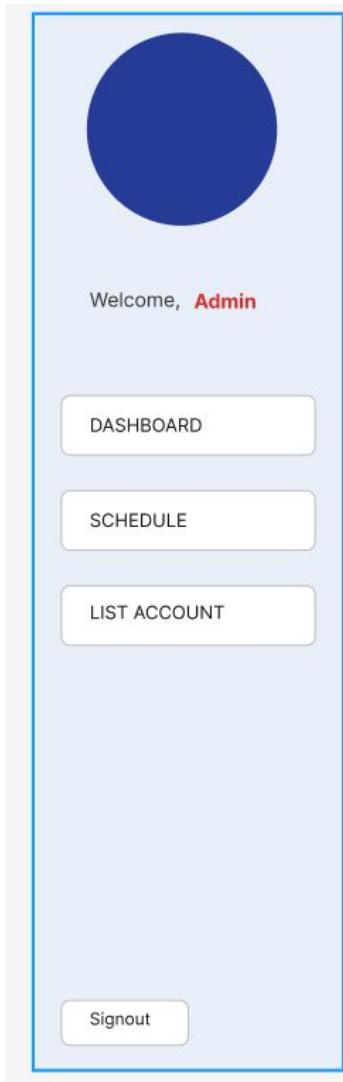
To : Overview tab, Discover tab (If you was login)

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

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

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

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

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

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

3. Account Management

Admin Dashboard

Manage user accounts in the system.

Add New Account

Username

Password

Role

Account List

#	USERNAME	ROLE	PASSWORD	ACTION
1	admin	Admin	*****	Delete
2	editor01	Editor	*****	Delete
3	viewer	Viewer	*****	Delete

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

From : Account Management Button from navigation

To : None

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

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

Testing document

Sr.No	Features Tested	Remarks
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

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

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

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

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

Design Plan: Tracking Anime	Document Name: Task Sheet	SWD/Form No.10/TS/Ver1.0
Effective Date: 20/08/2025	Version 1.0	Page No: 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	NONE	
4					20/08/2025	20/08/2025	4	NONE	
1	Thân Thê Lộc	Admin		Tracking, Notification					
2									
3		User	Analysis Tracking data		20/08/2025	20/08/2025	5	NONE	
4			Show notification when time coming		20/08/2025	20/08/2025	5	NONE	
1	Huỳnh Quốc Huy	NONE	NONE		NONE	20/08/2025	20/08/2025	5	NONE

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

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

2	User	<i>Anime Favorites</i>		20/08/2025	20/08/2025	5	OK
3				20/08/2025	20/08/2025	5	OK
4				20/08/2025	20/08/2025	5	OK

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