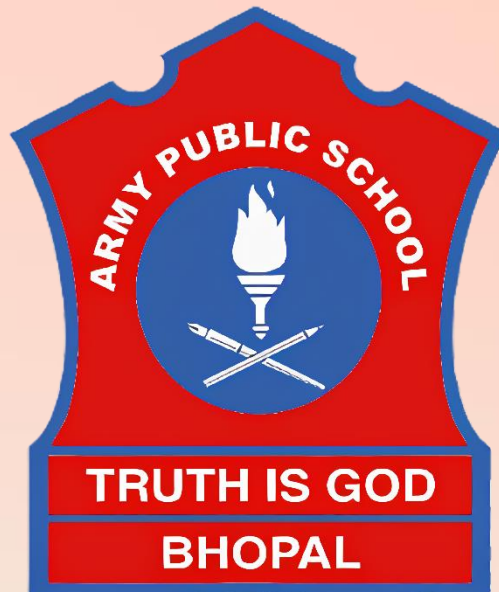


ARMY PUBLIC SCHOOL BHOPAL



SESSION : 2021 - 2022

Informatics Practices Project
Wyntr Streaming
Service

Submitted To:
Mr. Deepak Hardikar

Submitted By:
Nishan Kashyap

CERTIFICATE

This is to certify that the content of this project entitled **Wyntr Streaming Service** is the bona fide work of Nishan Kashyap of class XII - 'A' of Army Public School Bhopal and have successfully completed his project under my supervision. He has taken proper care and shown utmost sincerity in completion of this practical file.

This project is absolutely genuine and does not indulge in plagiarism of any kind. The references taken in making this project have been declared in Bibliography.

I certify that his practical file is up to my expectation and as per the guidelines issued by the Central Board of Secondary Education (CBSE), New Delhi

Signature

Mr. Deepak Hardikar
(PGT Computer Science)

Signature

(External)

Signature

(Ms. Priyanka Trivedi)

ACKNOWLEDGEMENT

Many people have bestowed their blessings and heartfelt support on us in the successful completion of this project, and we would want to take this opportunity to thank everyone who has been involved with it.

I'd like to convey my heartfelt gratitude to **Mr. Deepak Hardikar**, my project guide, for her invaluable assistance during the project. She was always really interested in what I was doing. The successful completion of this project was due to her helpful counsel and persistent motivation. Her invaluable advice was vital in guiding us through this endeavour and ensuring its complete success. Her recommendations and directions were important in bringing the project to a successful conclusion. Her invaluable advice was vital in guiding us through this endeavour and ensuring its complete success. Her recommendations and directions were important in bringing the project to a successful conclusion. This project, **Wyntr Streaming Service**, also assisted us in conducting extensive study, and I learned a great deal.

I'd also like to thank my parents and friends for their insightful suggestions and for their helpful direction throughout the project's completion.

PYTHON - IN BRIEF

Python is developed by Guido van Rossum. He started implementing Python in 1989. It is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis. It is a general-purpose language, meaning it can be used to create a variety of different programs and isn't specialized for any specific problems. This versatility, along with its beginner-friendliness, has made it one of the most-used programming languages today.

It is commonly used for developing websites and software, task automation, data analysis, and data visualization. Since it's relatively easy to learn, Python has been adopted by many non-programmers such as accountants and scientists, for a variety of everyday tasks, like organizing finances.

It is often used to develop the back end of a website or application—the parts that a user doesn't see. Python's role in web development can include sending data to and from servers, processing data and communicating with databases, URL routing, and ensuring security. Python offers several frameworks for web development. Commonly used ones include Django and Flask.

It uses dynamic typing and a combination of reference counting and a cycle-detecting garbage collector for memory management.[63] It also features dynamic name resolution (late binding), which binds method and variable names during program execution.

It is meant to be an easily readable language. Its formatting is visually uncluttered, and it often uses English keywords where other languages use punctuation. Unlike many other languages, it does not use curly brackets to delimit blocks, and semicolons after statements are allowed but are rarely, if ever, used.

Python's large standard library, commonly cited as one of its greatest strengths, provides tools suited to many tasks. For Internet-facing applications, many standard formats and protocols such as MIME and HTTP are supported. It includes modules for creating graphical user interfaces, connecting to relational databases, generating pseudorandom numbers, arithmetic with arbitrary-precision decimals, manipulating regular expressions, and unit testing.

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SYSTEM IMPLEMENTATION

Software Used

Name : **Python**

Designed by : Guido van Rossum

Developer : Python Software Foundation

First appeared : February 20, 1991

OS : Windows, Linux/UNIX, macOS & more

License : Python Software Foundation License



Name : **Sublime Text 4**

Developer : Sublime HQ

Initial release : 18 January 2008

OS : Linux, macOS & Windows

Platform : x64 and ARM64

Type : Source code editor

License : Shareware



Name : **Windows 11**

Developer : Microsoft

Written in : C, C++, C#, assembly language

Source model : Closed-source, Source-available (through Shared Source Initiative) & Some components open source

Platforms : x86-64, ARM64



ABOUT WYNTR

Unlimited movies, TV shows and more. Watch anywhere. Cancel anytime. Ready to watch? Sign up your email to create to create a **Wyntr Account**.

Watch on smart TVs, PlayStation, Xbox, Chromecast, Apple TV, Blu-ray players and more. Download your shows to watch offline. Save your favourites easily and always have something to watch. Stream unlimited movies and TV shows on your phone, tablet, laptop, and TV.

Wyntr is a streaming service that offers a wide variety of award-winning TV shows, movies, anime, documentaries, and more – on thousands of internet-connected devices.

Members can watch TV series, documentaries and feature films across a wide variety of genres and languages. Members can watch as much as they want, anytime, anywhere, on any internet-connected screen. Members can play, pause and resume watching, all without commercials or commitments.

Wyntr, Inc. is an Indian pay television over-the-top media service and original programming production company. It offers subscription-based video on demand from a library of films and television series.

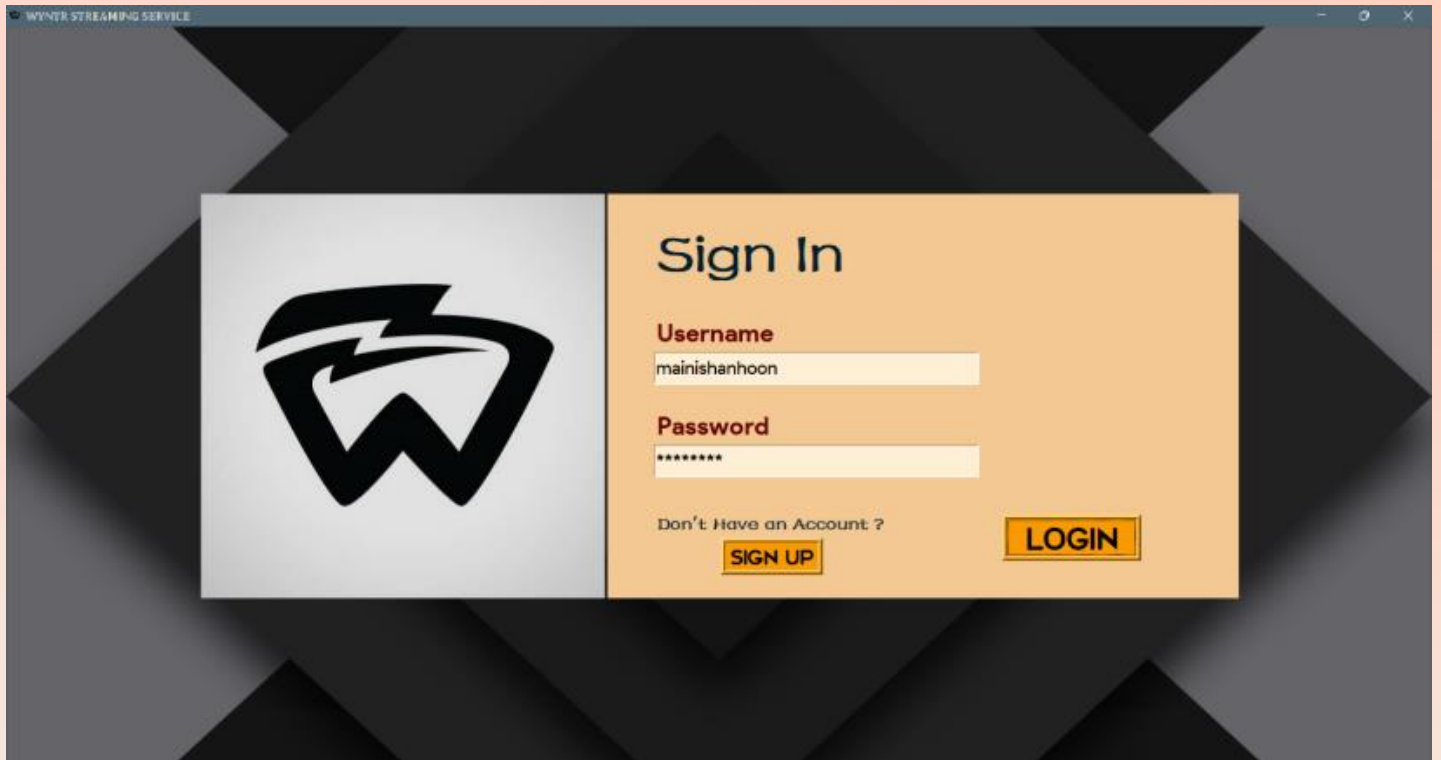
Wyntr can be accessed via internet browser on computers, or via application software installed on smart TVs, set-top boxes connected to televisions, tablet computers, smartphones, digital media players, Blu-ray Disc players, video game consoles, and virtual reality headsets o It is available in 4K resolution.

It includes a wide variety of familiar network shows and more original series, films, documentaries and specials than any of its myriad competitors. The world's first major streaming service remains our favourite choice in 2021 thanks to its huge library of constantly refreshed content and its easy accessibility across different devices.

Wyntr's design encourages scrolling -- there are so many different categories to look through, and then shows and movies within those categories to continue scrolling into. You can create a watch list to help you cut down on this, but the vast, colourful library makes it easy to spend more time looking through options than actually watching a show, so be careful.

Wyntr has more 4K content than just about any other streaming service, and a lot of its 4K shows and movies are also available in HDR. High dynamic range provides an even bigger improvement in image quality than 4K according to CNET's tests, with better contrast and colour, and the difference is especially apparent on large, higher-end televisions.

SNAPSHOTS



WYNTR STREAMING SERVICE

Sign In

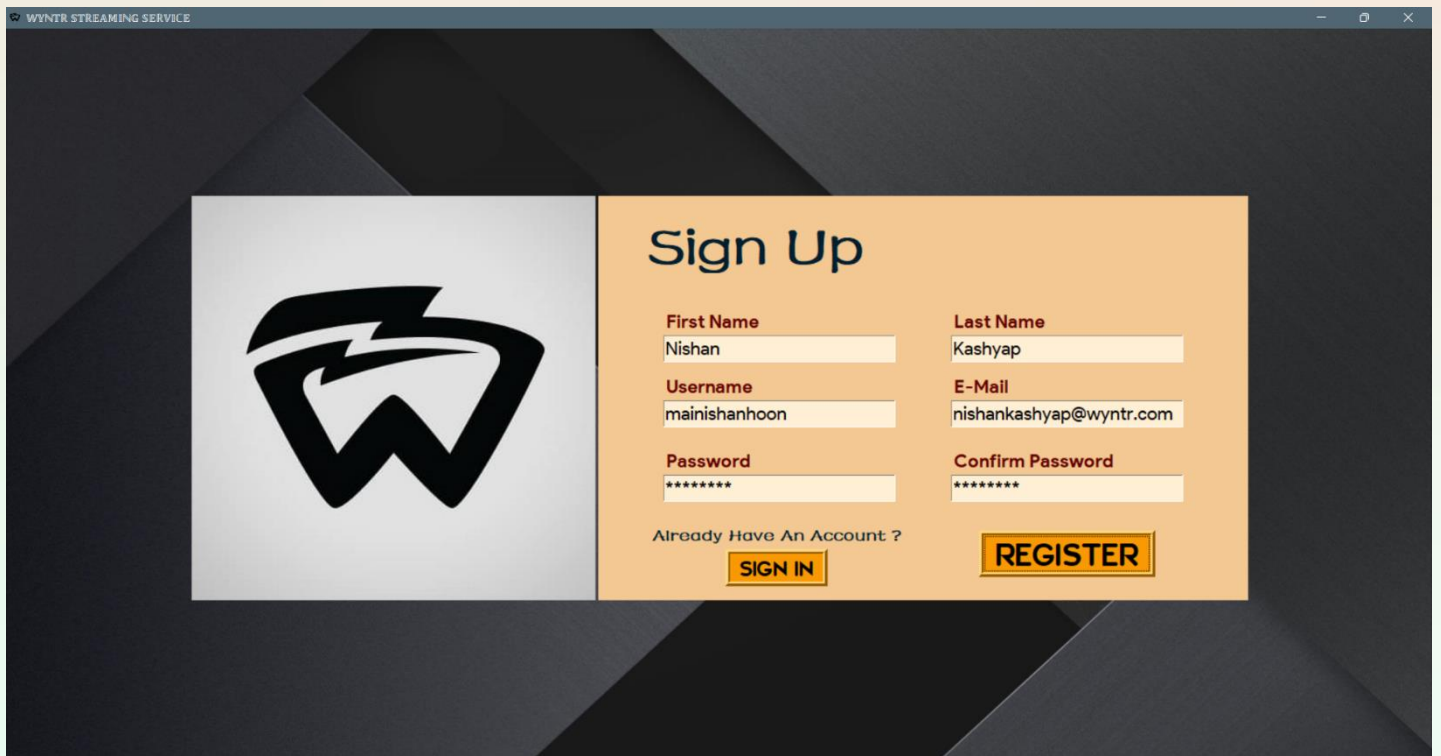
Username
mainishanhoon

Password

Don't Have an Account ?

SIGN UP **LOGIN**

Signing In



WYNTR STREAMING SERVICE

Sign Up

First Name
Nishan

Last Name
Kashyap

Username
mainishanhoon

E-Mail
nishankashyap@wyntr.com

Password

Confirm Password

Already Have An Account ?

SIGN IN **REGISTER**

Signing Up

MYSQL - IN BRIEF

SQL stands for Structured Query Language. It is used to create, remove, alter the database and database objects in a database management system and to store, retrieve, update the data in a database. SQL is a standard language for creating, accessing, manipulating database management system. SQL works for all modern relational database management systems, like SQL Server, Oracle, MySQL, etc.

SQL defines following ways to manipulate data stored in an RDBMS :

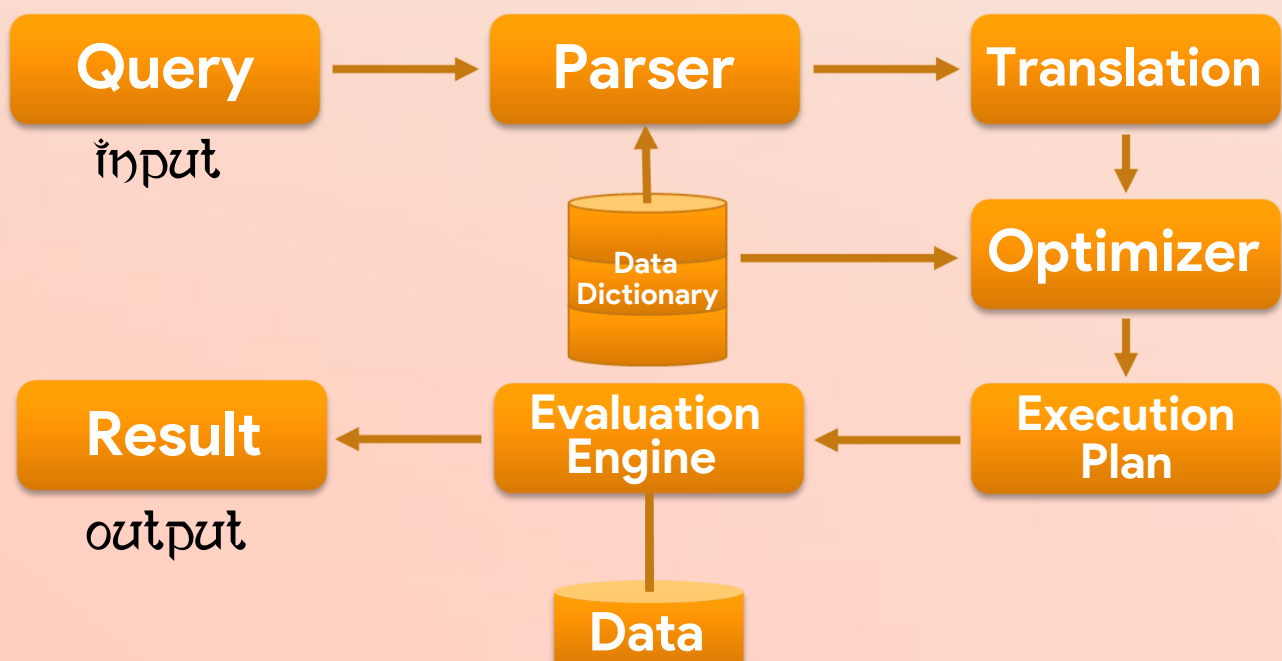
DDL: Data Definition Language

This includes changes to the structure of the table like creation of table, altering table, deleting a table etc. All DDL commands are auto-committed. That means it saves all the changes permanently in the database.

DML: Data Manipulation Language

DML commands are used for manipulating the data stored in the table and not the table itself. DML commands are not auto-committed. It means changes are not permanent to database, they can be rolled back

MySQL Query Execution Flow Chart



Name : MySQL

Original Author : MySQL AB

Developer : Oracle Corporation

Released On : 23 May 1995

Written in : C, C++

Operating system : Linux, Solaris, macOS, Windows, FreeBSD

Type : RDBMS

License : GPLv2 or proprietary



Hardware Used

Hardware : **Pen Drive**

Memory Storage Capacity : 32 GB

Brand : HP

Hardware Interface : USB, USB 3.0, USB 2.0

Read Speed : 140 Megabytes Per Second



Harware : **Printer**

Resolution : Maximum 2880 dpi x 1440 dpi

Print direction : Bidirectional

Control code : ESC/P Raster

RAM : 64 MB for StylusPro 9600

Character tables : PC 437 (US, Europe), PC 850 (Multilingual)



SQL TABLES

Accounts

```
mysql> desc accounts;
```

Field	Type	Null	Key	Default	Extra
ID	int	NO	PRI	NULL	auto_increment
First_Name	char(10)	NO		NULL	
Last_Name	char(10)	NO		NULL	
Username	varchar(50)	NO		NULL	
Email	varchar(50)	NO		NULL	
Password	varchar(20)	NO		NULL	

```
6 rows in set (0.01 sec)
```

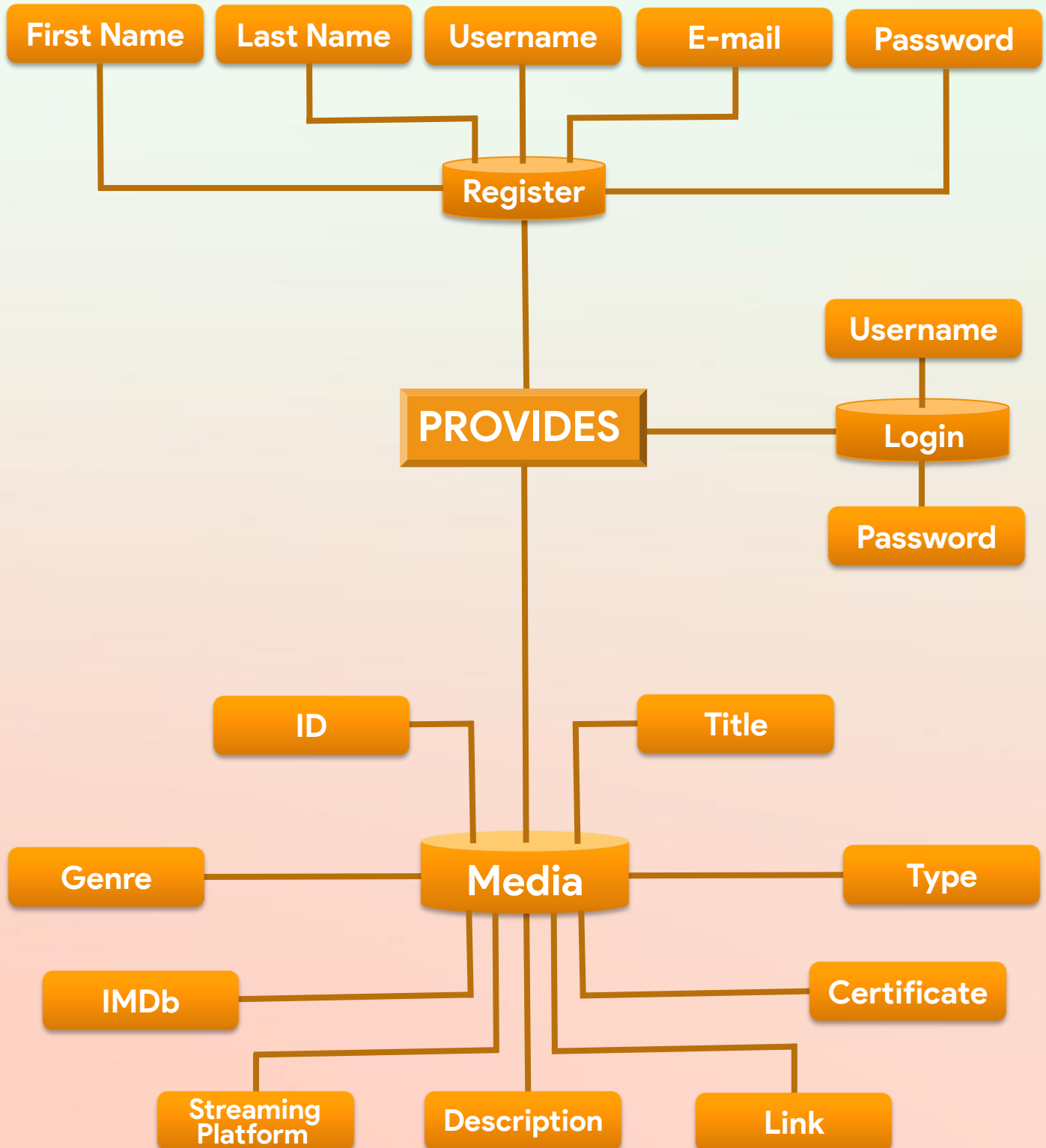
Media

```
mysql> desc media;
```

Field	Type	Null	Key	Default	Extra
ID	varchar(50)	NO	PRI	NULL	
Title	varchar(60)	NO		NULL	
Genre	varchar(50)	NO		NULL	
Type	varchar(50)	NO		NULL	
IMDb	varchar(50)	NO		NULL	
Certificate	varchar(50)	NO		NULL	
Streaming_Platform	varchar(50)	NO		NULL	
Description	varchar(700)	NO		NULL	
Link	varchar(50)	NO		NULL	

```
9 rows in set (0.00 sec)
```

ER DIAGRAM



CONCLUSION

Wyntr is a tracking platform and social television network for TV and movies. It allows users to store information about their media consumption.

It also stores the records of Movies, TV Shows, Web Series and Anime. We designed a user-friendly graphical user interface which suits the user and also saves the precious time.

Streaming combined with social media is the next stage in the evolution of digital entertainment, and we see Wyntr as a primary actor in starting that evolution. The content is made free by the streaming services themselves as part of their marketing promotions. Our platform simply aggregates all the free content across all the streaming services.


The Wyntr helps you find the best way to stream anything. Follow our daily streaming news, in-depth reviews on streaming services & devices, and use our tools to find where your favourite content is streaming.

The world has changed. People's watching habits became fragmented, different. The TV universe got bigger and yet felt smaller at the same time. Mobile phones, tablets and other devices allowed us to watch from anywhere. Entire series were released in a day. 10 channels became 1,000. And more than ever, we wanted to stay on top of our favourite shows. We got enraged when anyone even hinted at a spoiler. And finding our tribes, those like us, to share moments and react to, at the moment we felt it, became so vital, so enriching, so core to our daily routines.

And so we created our own collection of movies, series and anime.

- It is organised for you to save your time.
- Get personal recommendations and see what's new across your favourite streaming services.
- It has various filters for easy access of your favourites.
- You don't have to check each and every platform for movies and series just visit us.
- Never go back and forth between your services again to find out if a movie or TV show is available.
- Keep track of all the TV shows and movies you want to watch in one list across all your devices.
- Your 'Watch Next' section will tell you when you have episodes to watch or movies to stream.
- See where to watch movies & TV online for free from trusted legal services like MTV, Crackle and many others!
- Don't accidentally pay for movies that are available free online.

SNAPSHOTS



Wyntr Streaming Service

Developers : Nishan, Rishi, Yagesh

Media Details

ID

OTDXE9

Type

Movie

Title

Joker

Genre

Fiction

IMDb

8.5

Certificate

A

Streaming Platform

VOOT

Description

In Gotham City, mentally troubled comedian Arthur Fleck is disregarded and mistreated by society. He then embarks on a downward spiral of revolution and bloody crime. This path brings him face-to-face with his alter-ego: the Joker.

Link

<https://www.youtube.com/watch?v=zAGVQLHwOY>

STREAM NOW

Filter

Select Category

SEARCH

SHOW ALL

ID	Title	Genre	Type	IMDb	Certificate	Streaming On
00IQKN	The Seven Deadly Sins: Revival	Romance	Anime	7.5	U	HBO Max
00Q490	Goodfellas	Drama	Movie	8.7	A	Disney+
0453CH	Taare Zameen Par	Fantasy	Movie	8.4	U/A	Netflix
04VR15	Fate/stay night: Blade Works 2	Romance	Anime	7.7	S	Youtube
04YWGE	Beyond All Boundaries	Romance	Documentary	8.42	U/A	Crunchyroll
06WE8A	Attack on Titan: No Regrets	Adventure	Anime	5.2	A	Hulu
0A0H36	One-Punch Man	Action	Anime	8.2	U/A	Crunchyroll
0AUZT4	Hajime no Ippo: The Fighting!	Horror	Anime	8.1	U/A	VOOT
0BC0Q9	Bodyguard	Adventure	Series	8.1	S	Youtube
0CRTAM	Abyss	Horror	Series	5.2	U	HBO Max
0M90VI	Gilmore Girls	Comedy	Series	8.1	S	Netflix
0QG7F5	Gintama: Shinyaku Benizakura-hen	Action	Anime	8.1	S	Sony Liv
0R7HNK	Dororo	Thriller	Anime	7.5	S	Hotstar
0SNKZQ	Made in Abyss Movie: Dawn of the Soul	Fantasy	Anime	8.5	S	Youtube
0TDXE9	Joker	Fiction	Movie	8.5	A	VOOT
0TUX1Q	Luther	Action	Series	8.5	A	Hotstar
0VL2ES	The Originals	Romance	Series	8.2	S	Crunchyroll
0WKZKZ	The Godfather: Part II	Adventure	Movie	9	A	Youtube
0XWGGQM	Lie to Me	Comedy	Series	8	U	Prime Video
0Z2UYK	Dance Dreams: Chocolate Nutcracker	Comedy	Documentary	9.11	U	Crunchyroll
0ZSWDR	Born in Gaza	Action	Documentary	8.39	U/A	VOOT
106DKG	My Hero Academia	Action	Anime	8.1	U	Youtube
10Z61X	Why We Fight: The Battle of Russia	Drama	Documentary	8.1	U	HBO Max
11K0JC	The Fresh Prince of Bel-Air	Thriller	Series	7.9	U/A	VOOT
17BOWP	Silver Spoon 2nd Season	Fiction	Anime	7.1	S	Hotstar
19J9XB	Ayotzinapa, el paso de la tortuga	Thriller	Documentary	8.47	A	HBO Max
1GJRPX	Nausicaa of the Valley of the Wind	Thriller	Anime	7.5	A	Hotstar
1H8Z81	The Newsroom	Science Fiction	Series	8.6	U	Hulu
1I7OEG	Catwalk: the Cat Show Circuit	Action	Documentary	8.36	S	HBO Max

User Interface



Wyntr Streaming Service

Developers : Nishan, Rishi, Yagesh

Manage Details

ID

OTDXE9

Type

Movie

Title

Joker

Genre

Fiction

IMDb

8.5

Certificate

A

Streaming Platform

VOOT

Description

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Link

<https://www.youtube.com/watch?v=zAGVQLHwOY>

ADD

UPDATE

DELETE

CLEAR

STREAM NOW

Details

Select Category

SEARCH

SHOW ALL

ID	Title	Genre	Type	IMDb	Certificate	Streaming On
00IQKN	The Seven Deadly Sins: Revival	Romance	Anime	7.5	U	HBO Max
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1I7OEG	Catwalk: the Cat Show Circuit	Action	Documentary	8.36	S	HBO Max

Developer Interface

OBJECTIVE

We all know how overwhelming it can be to scroll through all of our streaming subscriptions to find something to watch. Wyntr, a new all-in-one social media and streaming service app combines Netflix, Amazon Prime Video, HBO Max, Disney+, Hulu, among other streaming platforms in one place, giving the consumer a convenient way to search and discover content across all services.

The vast majority of the time, people just resort to recommendations from their friends or people they know. When they're looking to watch something or unwind at night, they don't have time to go do long research on what to watch, most consumers are simply interested in three things: what is new, what is popular/trending, and what their friends are watching or talking about. And with the Wyntr technology, we hope to satisfy all those three things, and much more.

You probably already have a Netflix queue (possibly one for everyone in your household), a Hulu favourites list, and maybe some bookmarked TV shows or movies you want to stream from Amazon Video on Demand. If you are sitting in front of the TV, ready to watch something, it can be tricky to try to sort out which service the show you want to watch is on, or whether the show you are interested in is on any of them.

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