

SRS

INTRODUCTION

Introduction:

Technology has become an inevitable part of our lives. We cannot imagine to survive without technology in today's fast-moving world. When employment, socialization and cultural propagation happens with globalization, we cannot survive without technological involvements. Technological advancements have had a huge impact on the online education,

Project Summary:

In our website, there are going to be 3 categories of account - User, Administrator, and Faculty. **Administrator** can manage the website, can add and remove categories, courses and hide inappropriate reviews written by users. **Users** can explore the website without login but they can't use the main features of our website and to use them, they need to join our website and then they can login from their respective devices and browse courses which they like to join . Faculty can create meeting and provide materials.

Main Purpose:

Our main purpose is to continuously provide better education

The purpose of our website is to provide a better education and help them to prepare for exams

Scope:

Our website is **user-friendly** and is developed by keeping in mind about every type of students and their needs, student can choose courses. All those students provide better course with affordable price.

SYSTEM REQUIREMENT STUDY

User:

User will be a visitor if he visits our website without login. User will have to create an account and after that user can login to our website using the email and password. Users can select courses from our website and can also select a batch of choice .

Admin:

Admin will maintain the website. Admin can add, update and delete categories. Admin can add new courses and can also remove courses which are not available right now. Admin can update course description and other information regarding courses. Admin can view all the reviews written by users and will be able to hide inappropriate reviews written by users.

Faculty :

Faculty will create a meeting. Faculty can upload materials for students and conduct tests.

Regulatory policies:

Look and feel as well as the user interface of this website should be easy with user-friendly navigation. Commonly used icons are used for easy understanding of users.

Reliability requirement:

On our website, we have used different validation like e-mail id validation, and contact number validation and user authentication.

Safety & Security consideration:

The website has a high level of security and safety consideration above any of features. So that an unauthorized person cannot access the website.

User doesn't log into the website and that the user be able to see explore the website and can't be able to use main features. User without login can't select courses etc. It is designed to be a highly protected and safe website where the users possess access rights regarding to its roles only

SYSTEM ANALYSIS

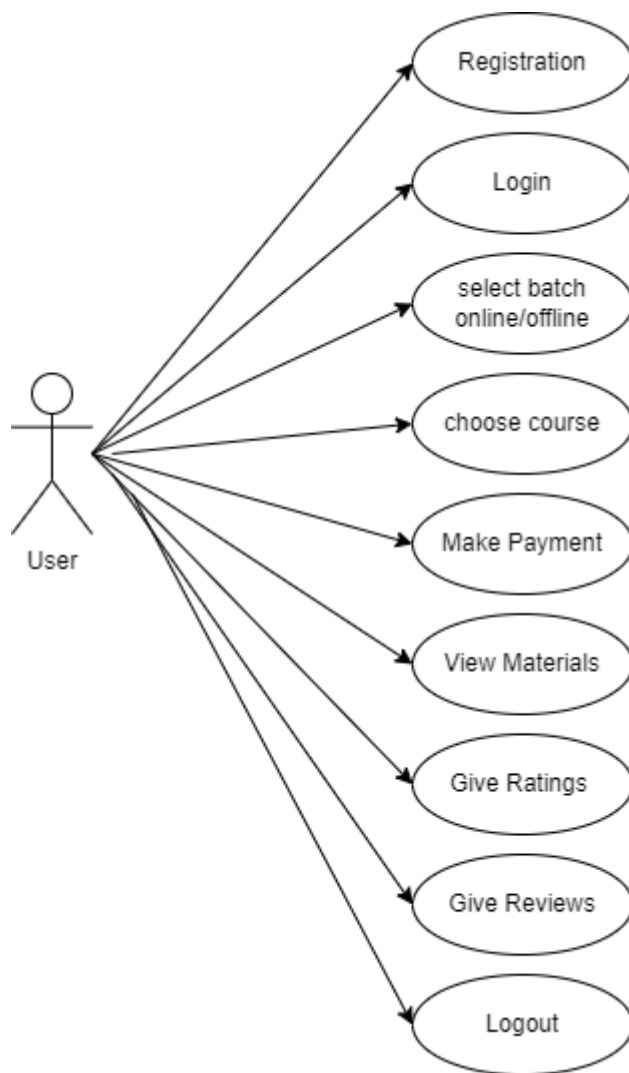
Study of Current System:

- I have analysed many online websites which are related to our sites. As we know all websites have their pros and cons in their functionality. In our case many well-known companies have already made the kind of websites that we are supposed to make but our functions of websites and the service given make it different from other websites.

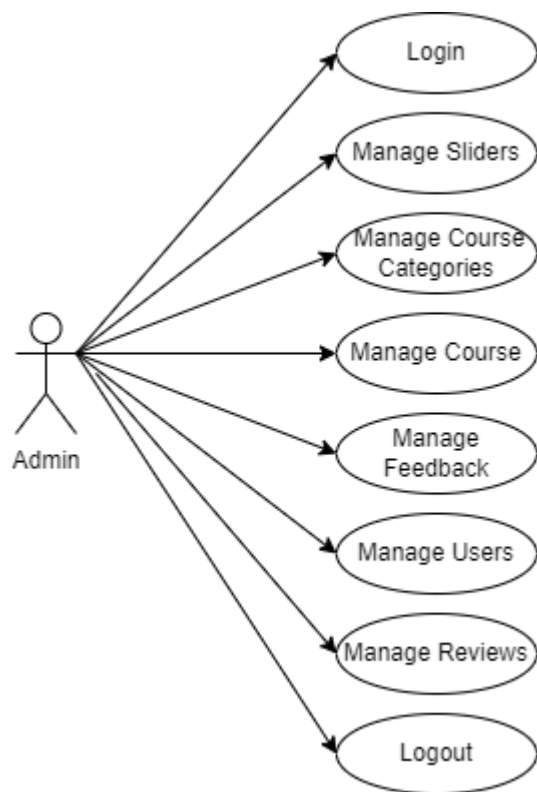
Most of the websites which are related to our project have the same functionality and they just change the name and UI of the website.

Function of the System:

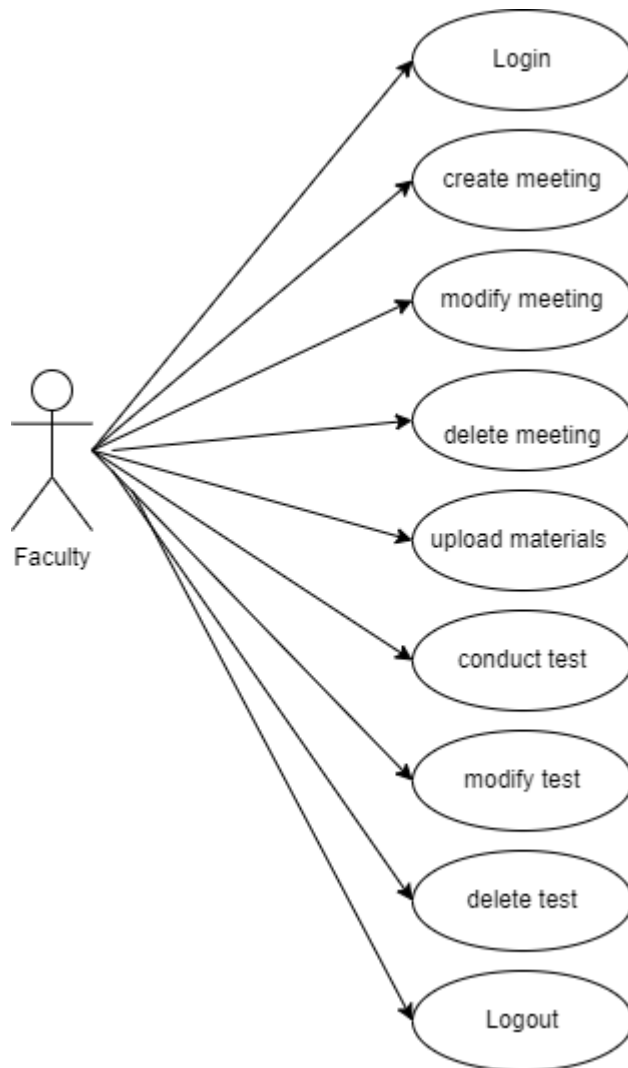
Use Case Diagram of User:



Use Case Diagram of Admin :



Use Case Diagram of Faculty:



Data Dictionary:

User: Table name: users

<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of user
name	varchar	191	Not Null	It stores the name of user
lname	varchar	191	Null	It stores the last name of user
email	varchar	191	Foreign Key	It stores the email id of user
password	varchar	191	Not Null	It stores the password of user
phone	varchar	191	Null	It stores the user's phone number
gender	varchar	191	Null	It stores the user's gender
dob	date	-	Null	It stores the user's DOB
address1	varchar	191	Null	It stores the user's address
address2	varchar	191	Null	It stores the user's address
city	varchar	191	Null	It stores the user's city name
state	varchar	191	Null	It stores the user's state name
country	varchar	191	Null	It stores the user's country name
pincode	int	10	Null	It stores the user's area pincode
created_at	timestamp	-	Null	It stores the date and time of account creation
updated_at	timestamp	-	Null	It stores the date and time of account updating

Categories : Table name : categories

<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of category
name	varchar	191	Not Null	It stores the name of category
description	longtext	-	Not Null	It stores the description of category
duration	varchaf	4	Default - 0	It stores the status of duration
rating	tinyInt	4	Default - 0	It stores the popular status of category

image	varchar	191	Not Null	It stores the image of category
created_at	timestamp	-	Null	It stores the date and time of category creation
updated_at	timestamp	-	Null	It stores the date and time of category updating

Rating :Table name: **ratings**

<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of rating
user_id	bigInt	20	Foreign Key	It stores the id of user
course_id	bigInt	20	Foreign Key	It stores the id of course
stars Rated	int	10	Not Null	It stores the rating course
created_at	timestamp	-	Null	It stores the date and time of rating creation
updated_at	timestamp	-	Null	It stores the date and time of rating updating

Reviews : Table name: **reviews**

<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of review
user_id	bigInt	20	Foreign Key	It stores the id of user
course_id	bigInt	20	Foreign Key	It stores the id of course
user_review	mediumtext	-	Not Null	It stores the review of course
review_status	tinyInt	4	Not Null	It stores the status of review
created_at	timestamp	-	Null	It stores the date and time of rating creation
updated_at	timestamp	-	Null	It stores the date and time of rating updating

Sliders :Table name: **sliders**

<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of slider
link	mediumtext	-	Not Null	It stores the link of course
image	varchar	191	Not Null	It stores the image of carousel
status	tinyInt	4	Default - 0	It stores the status of carousel image
created_at	timestamp	-	Null	It stores the date and time of slider creation

updated_at	timestamp	-	Null	It stores the date and time of slider updating
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Faculty :Table name:Faculty

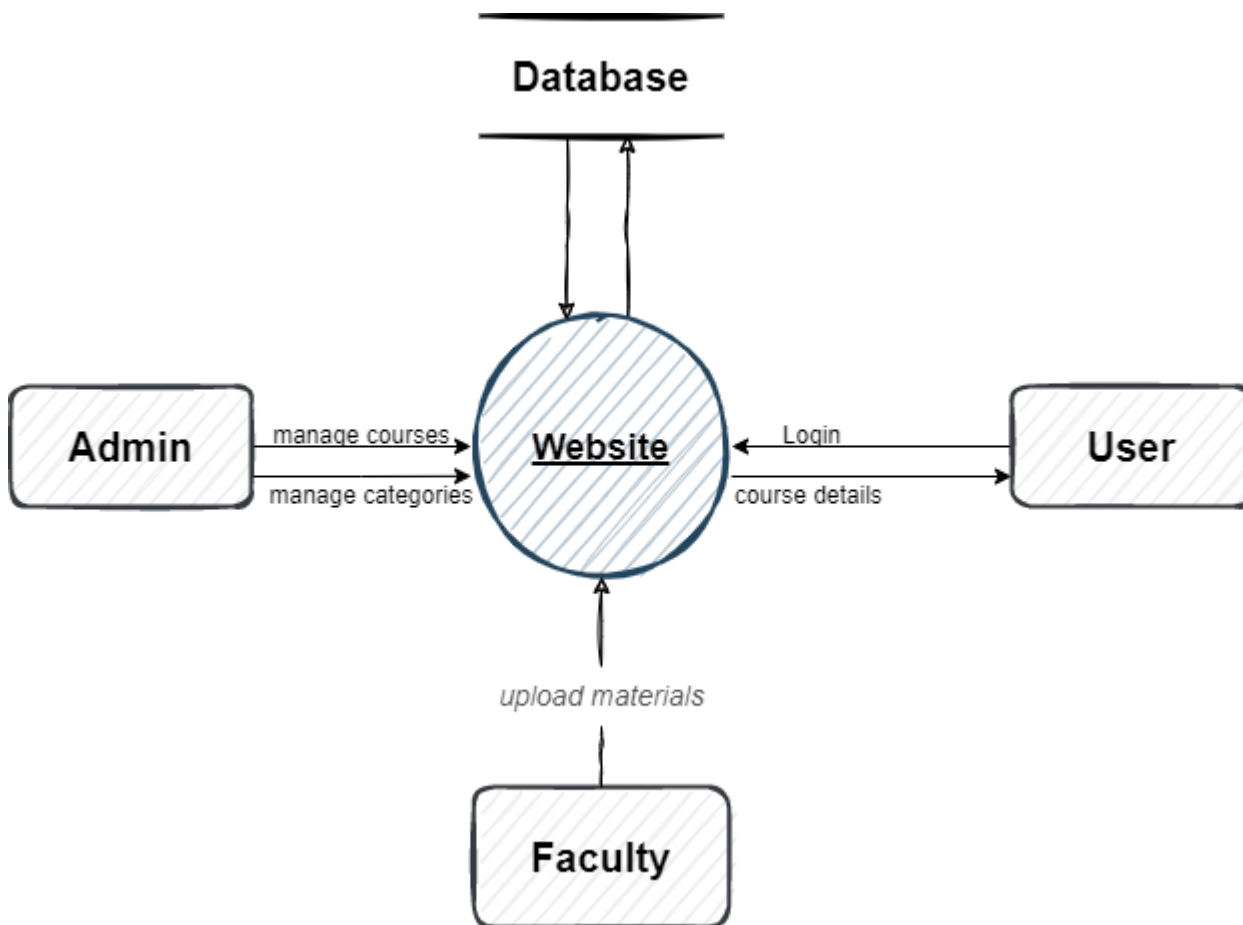
<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of slider
name	mediumtext	-	Not Null	It stores the link of course
image	varchar	191	Not Null	It stores the image of carousel
status	tinyInt	4	Default - 0	It stores the status of carousel image
created_at	timestamp	-	Null	It stores the date and time of slider creation
updated_at	timestamp	-	Null	It stores the date and time of slider updating

Meeting:Table name:Meetinh

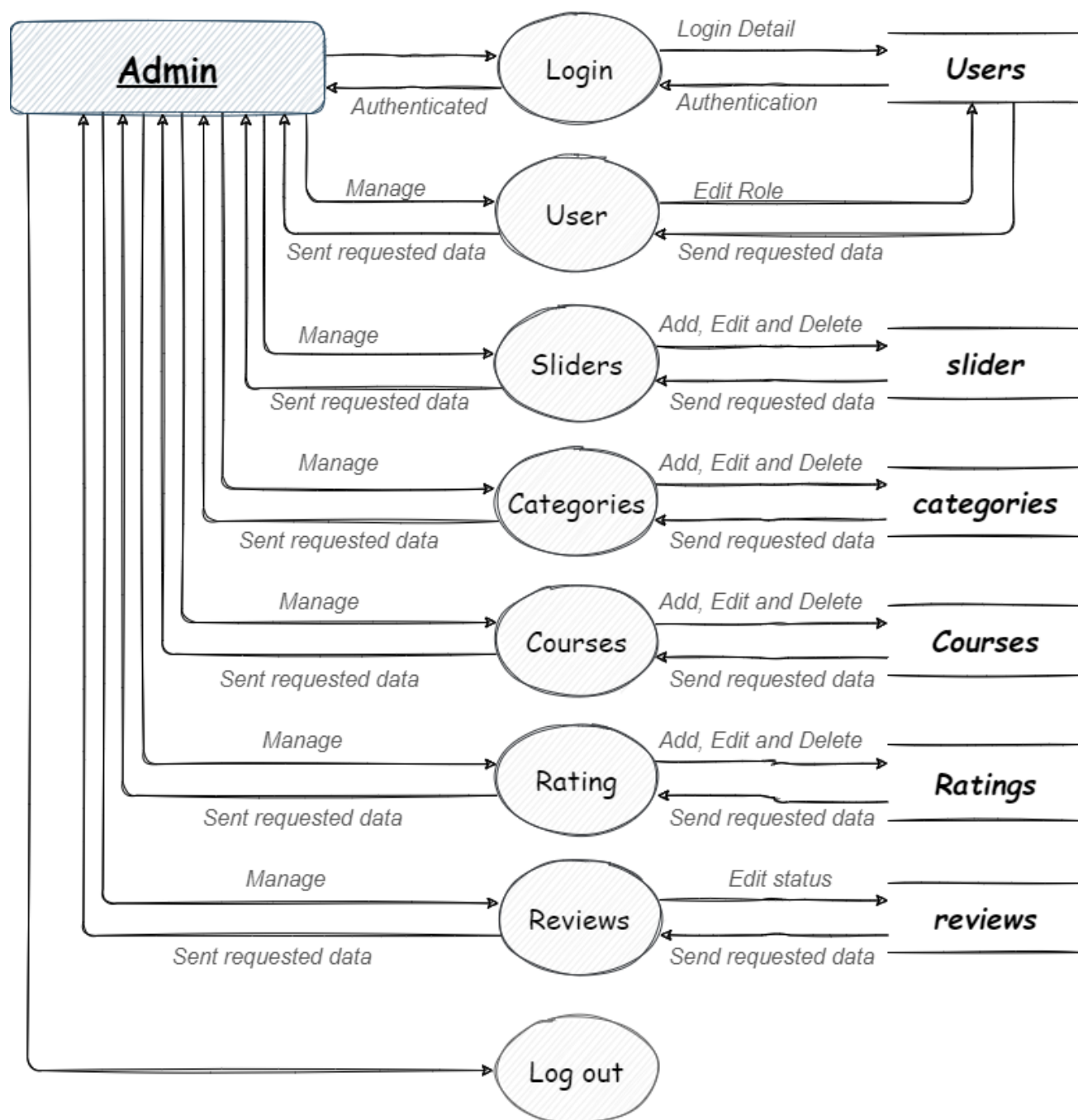
<u>Field name</u>	<u>Data type</u>	<u>Size</u>	<u>Constraints</u>	<u>Description</u>
id	bigInt	20	Primary Key	It stores the id of meeting
name	varchar	-255	Not Null	It stores the name of meeting
duration	datetime		Not Null	It stores the time duration of meeting
created_at	timestamp	-	Null	It stores the date and time of slider creation
updated_at	timestamp	-	Null	It stores the date and time of slider updating

Functional & Behavioral Modeling:

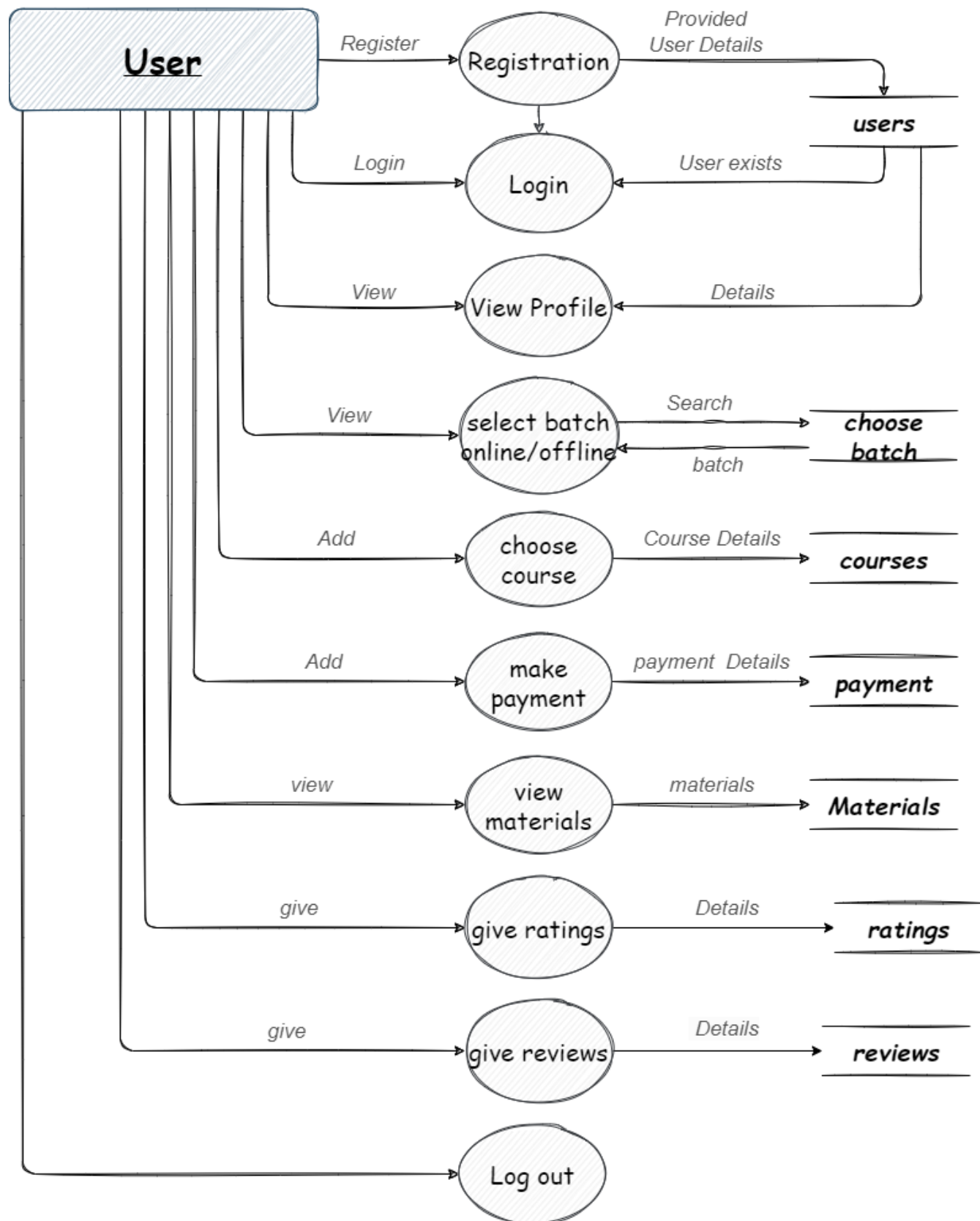
Data Flow Diagram (0 Level):



- Admin



- User



- Faculty

