



BHARATIYA VIDYA BHAVAN'S
SARDAR PATEL INSTITUTE OF TECHNOLOGY
MUNSHI NAGAR, ANDHERI (WEST), MUMBAI – 400 058.
(Autonomous College Affiliated to University of Mumbai)
MASTER OF COMPUTER APPLICATIONS

Academic Year – 2022-23

Class: F.Y.MCA

Semester: I

Subject: **Software Engineering Lab**

Subject In charge: Nikhita Mangaonkar

Course Code: MC503

Objective:

1. To design UseCase Diagrams.
2. To identify and implement a System, Use Cases, Actors, Relationships from a given case study.
3. To implement Use case specification.

DATE TURN 1:

DATE TURN 2:

PRACTICAL EVALUATION:

PI1: On Time	PI2:Performan ce	PI3: Documentation	PI5 : Lab Ethics	Marks Per Experiment
0.5	3	1	0.5	5

ROLL NO. :

BATCH:

NAME: Tanmay Prashant Chavan

EXPERIMENT NO: 03

EXPERIMENT TITLE: Draw use case diagram. Prepare Use case specification document for given Scenario

Objective:

1. To design UseCase Diagrams.
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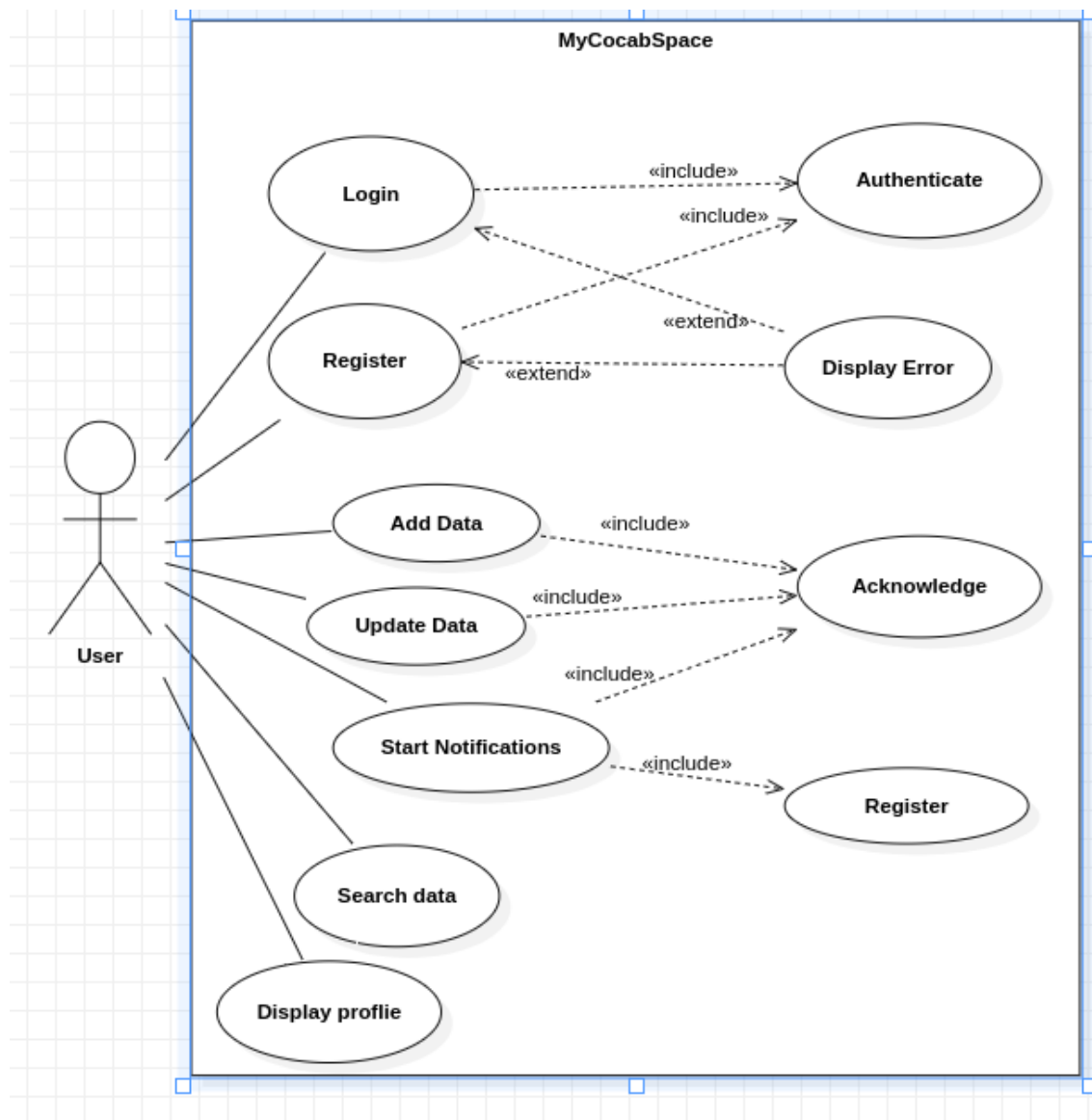
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Use case diagram:





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ADD USE CASE & SPECIFICATION

Use Case Diagram Specification

Use Case ID:	MVS
Use Case Name:	My Vocab Space
Created By:	Tanmay Prashant Chavan
Date Created:	06/01/2023

Actor:	User
Description of use cases:	<ol style="list-style-type: none">1) Register: It creates an account for new users.2) Login: It logs in the user into the system, allowing access to his data.3) Update data: User can mark the meaning completed or pin, unpin the meaning or delete from his database.4) Add new data: Takes data from the user and saves it to the database.5) Start notifications: Notifications are scheduled based on user availability of time.6) Search data: Searches for specific meaning.7) Display profile: Displays all the details related to his profile, for e.g. username, DOC, DOB etc.
Preconditions:	The user needs to be authenticated to use the website.



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Postconditions:	1) <i>Update data:</i> When user marks of pin/unpin the meaning it should be reflected immediately.
Extends:	1) While login, it may or may not display errors. 2) While registering , it may or may not display errors. 3) While adding data, it may or may not display errors.
Includes:	1) While <u>registering</u> and <u>login</u> it will always invoke <u>authentication</u> . 2) While <u>adding data</u> , it will always invoke <u>acknowledgement</u> . 3) When <u>starting notifications</u> , it will always invoke <u>register user for notifications</u> .