

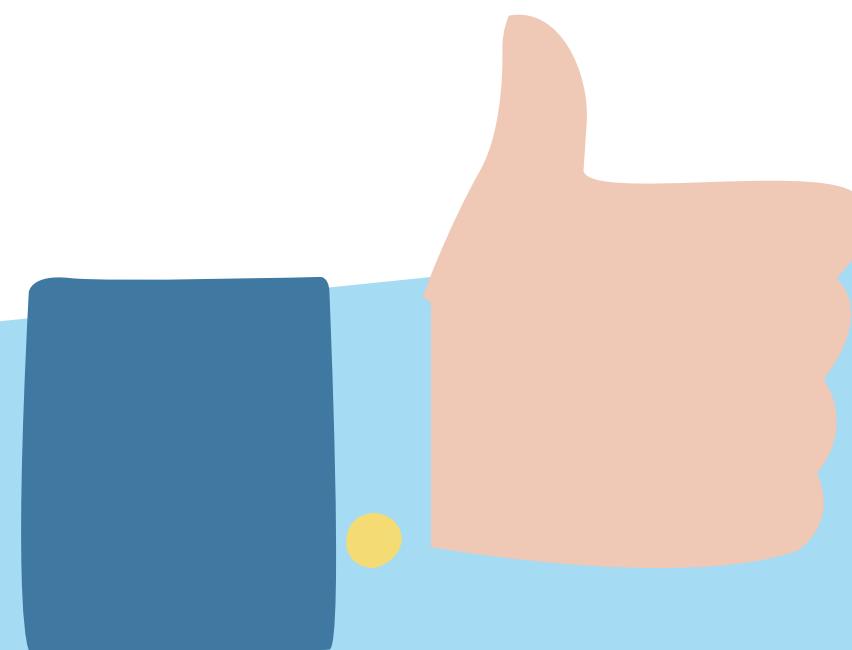
ATTENDANCE SYSTEM

**BY: MARYAM ELKHOLY
YOMNA MOHAMMAD
SHAIMAA HOSSAM
NADA ISMAIL**

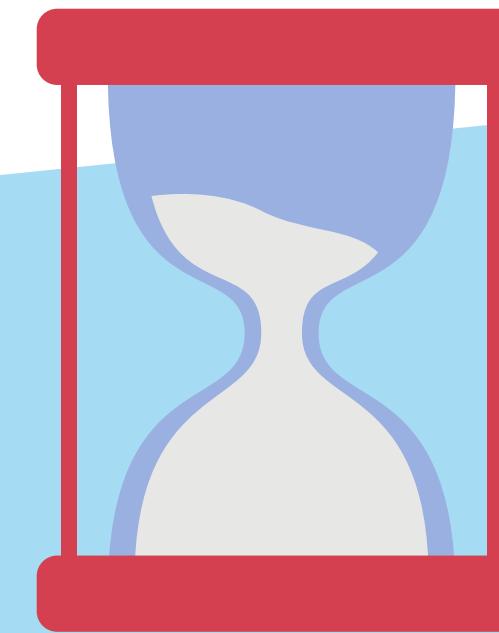
**SUBMITTED TO : DR.DALIA SOBHY
& E N G . N O H A S O B H I**



Why use attendance system?



Efficient

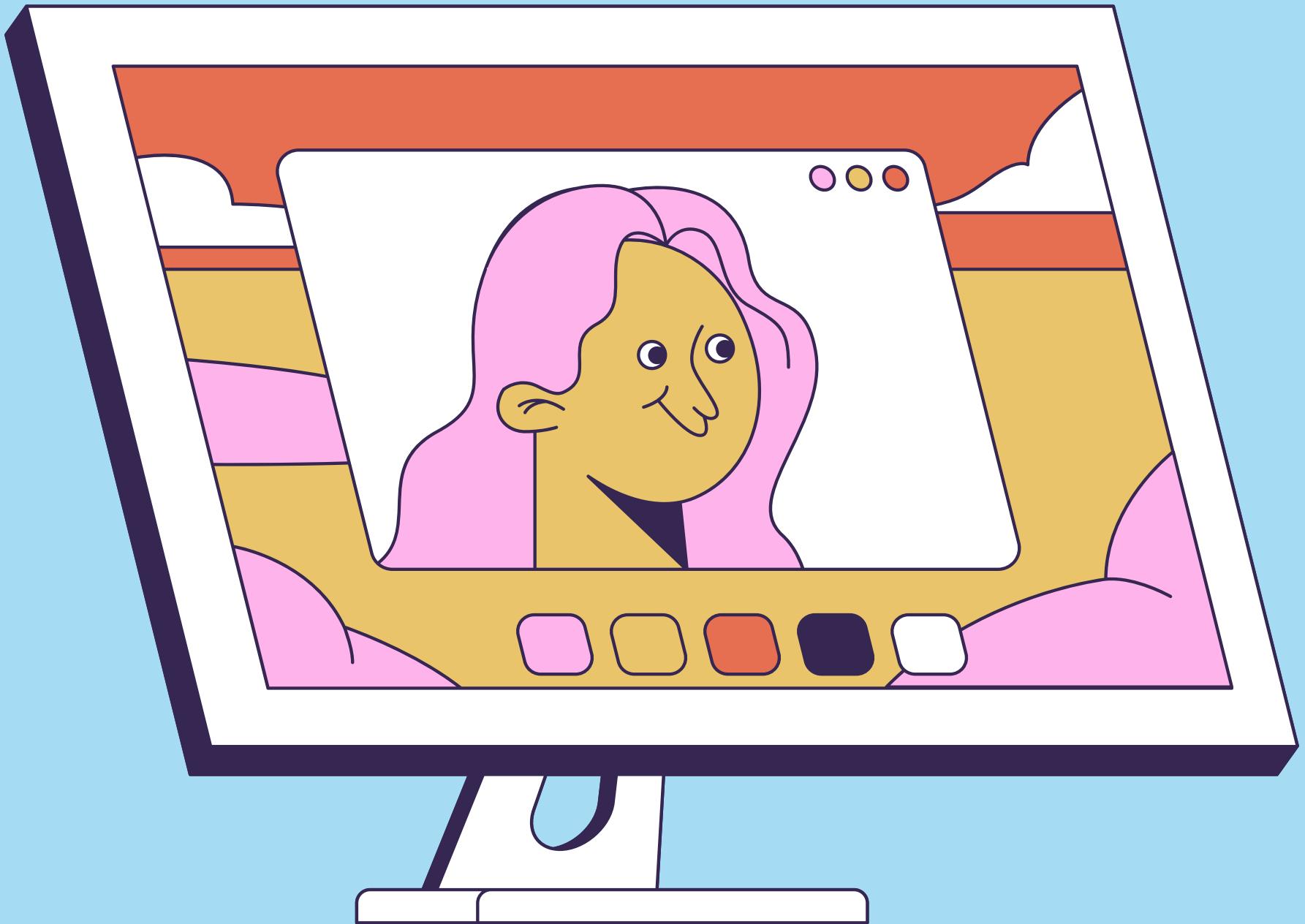


Time saving



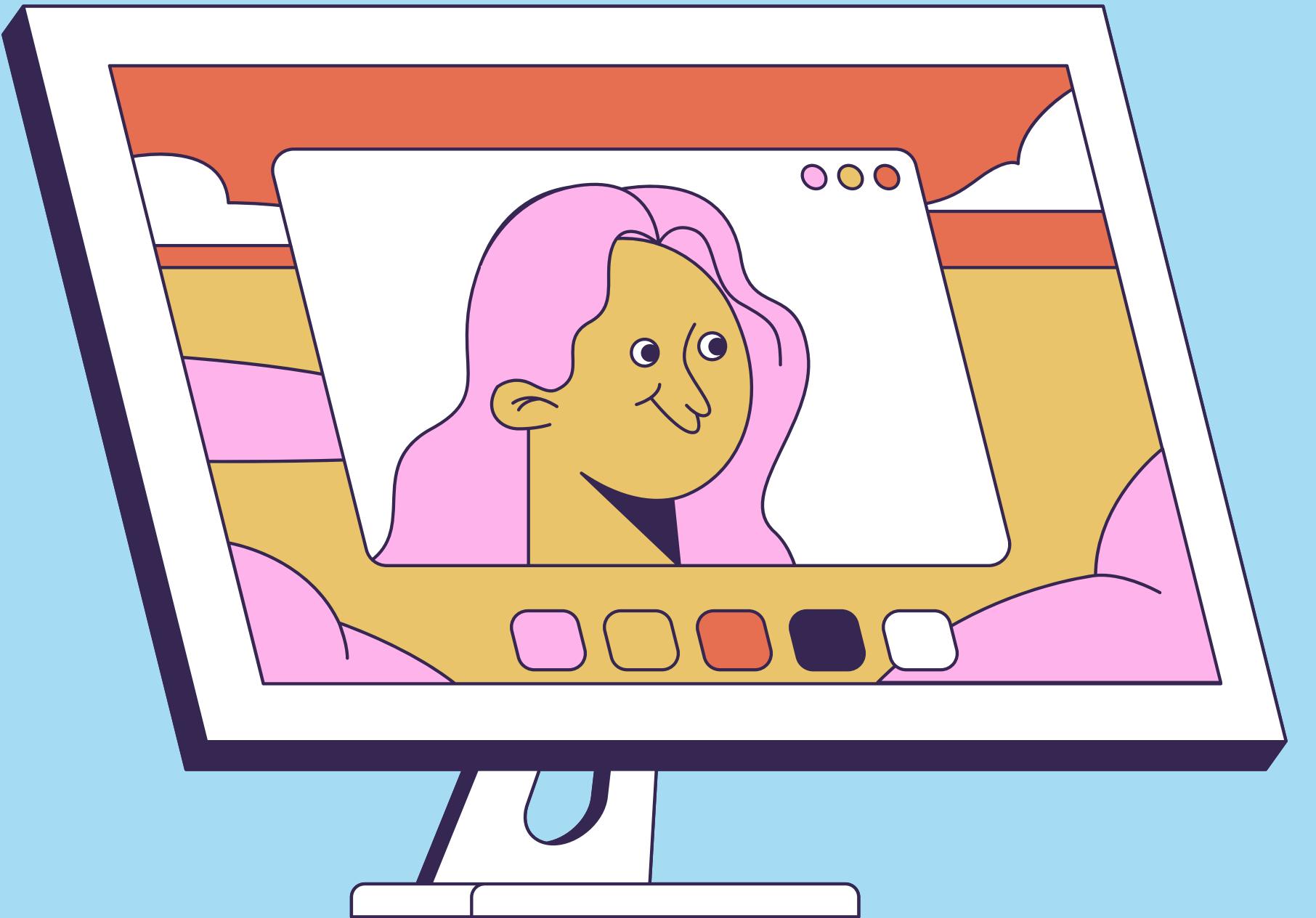
Accurate

Functional Requirements



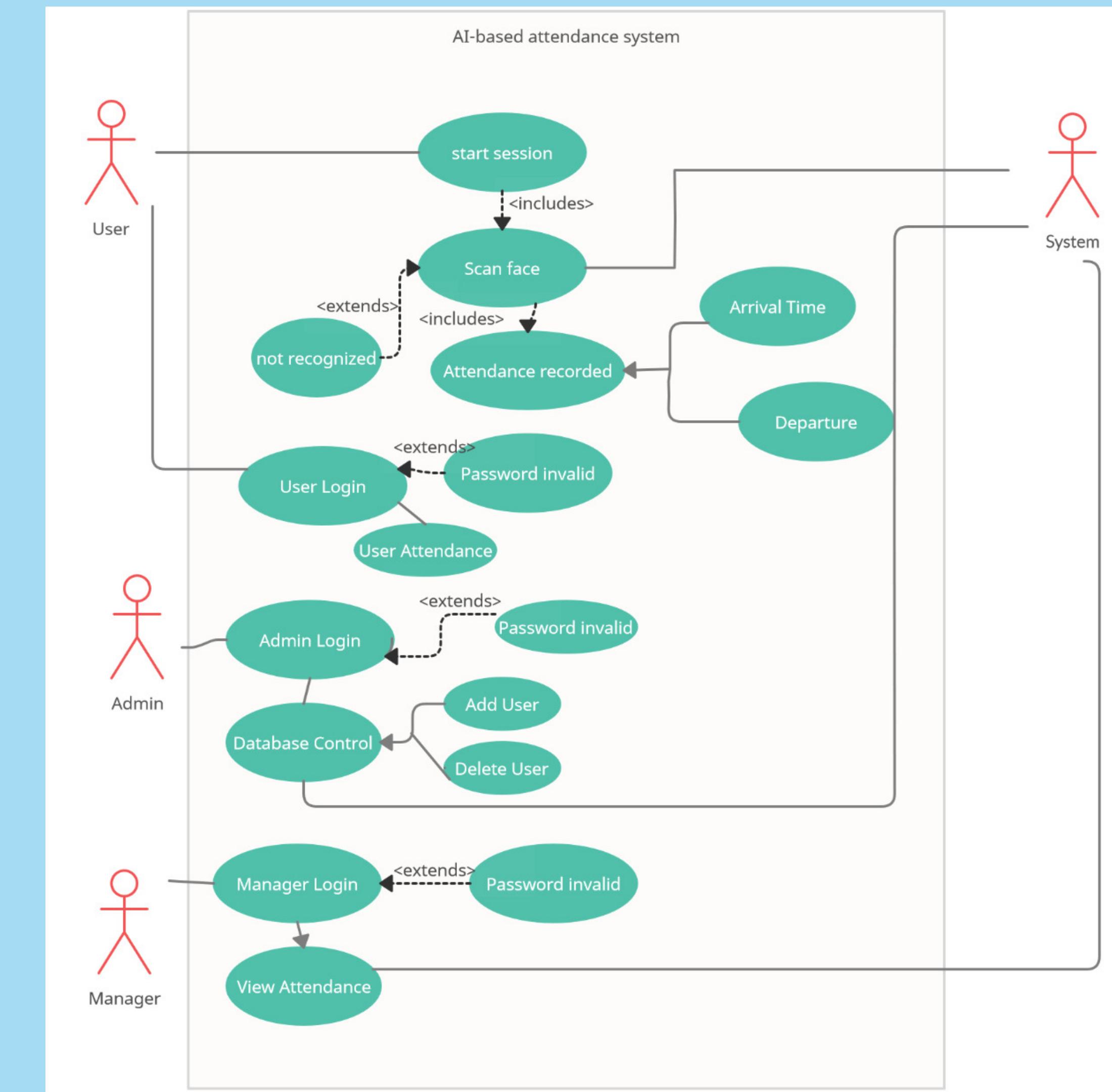
- The system uses a camera to scan the person's face
- The system detects whether the person is in the database or not
- The system recognizes the person's face
- The system records the time of the person's arrival and departure time
- Admin adds or removes users
- Managers can view the attendance of users
- User can view his/her attendance

Non-Functional Requirements

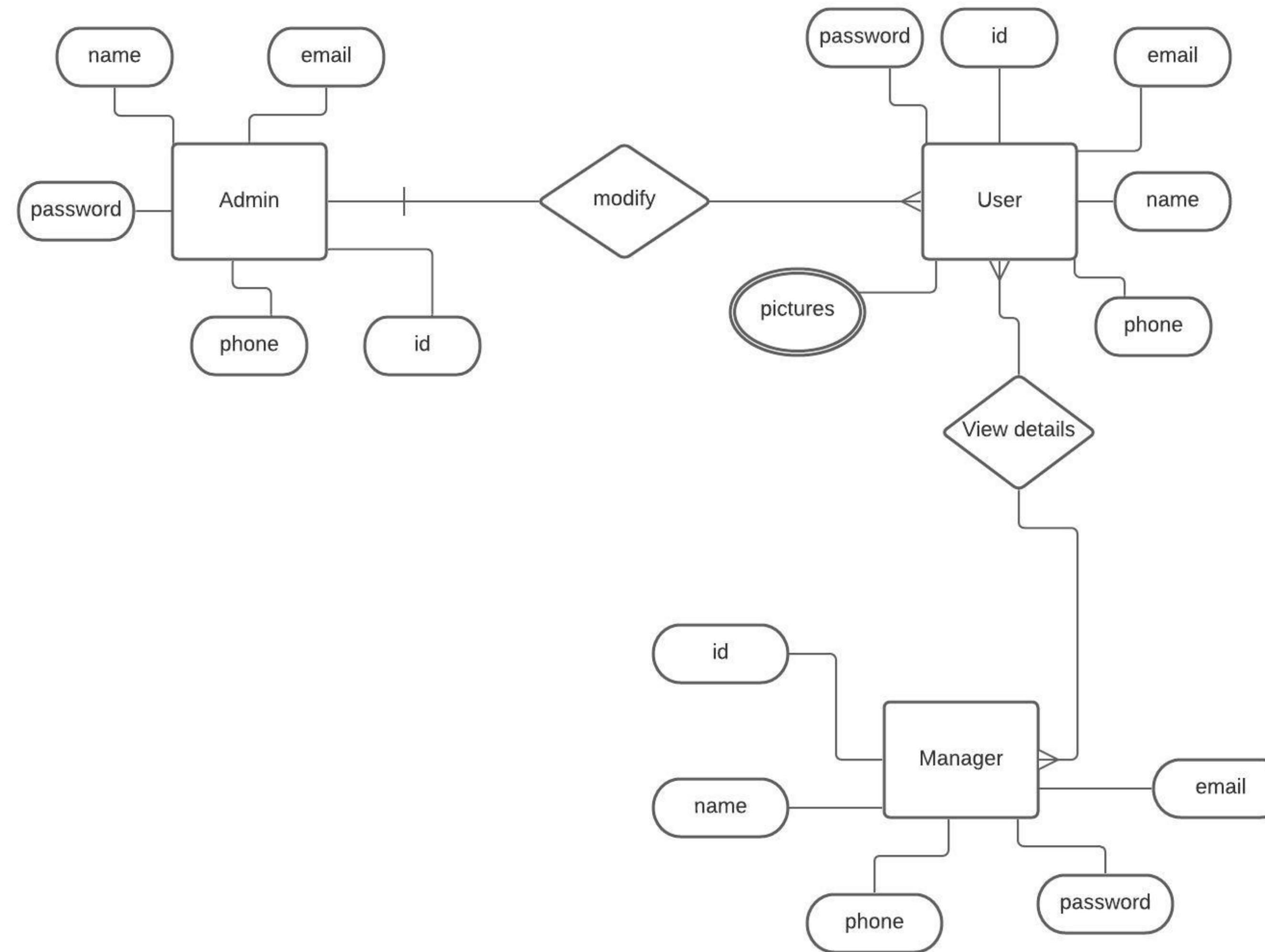


- Accuracy and Precision: The system should be able to recognize the user in accuracy and precision.
- Security: The system should secure the users' data and images and account details of admin and managers.
- Usability: The system should be user-friendly, simple and easy to use.
- Responsiveness: The System should execute in high speed.
- The system will be build using Python and OpenCv
- The system should be tested

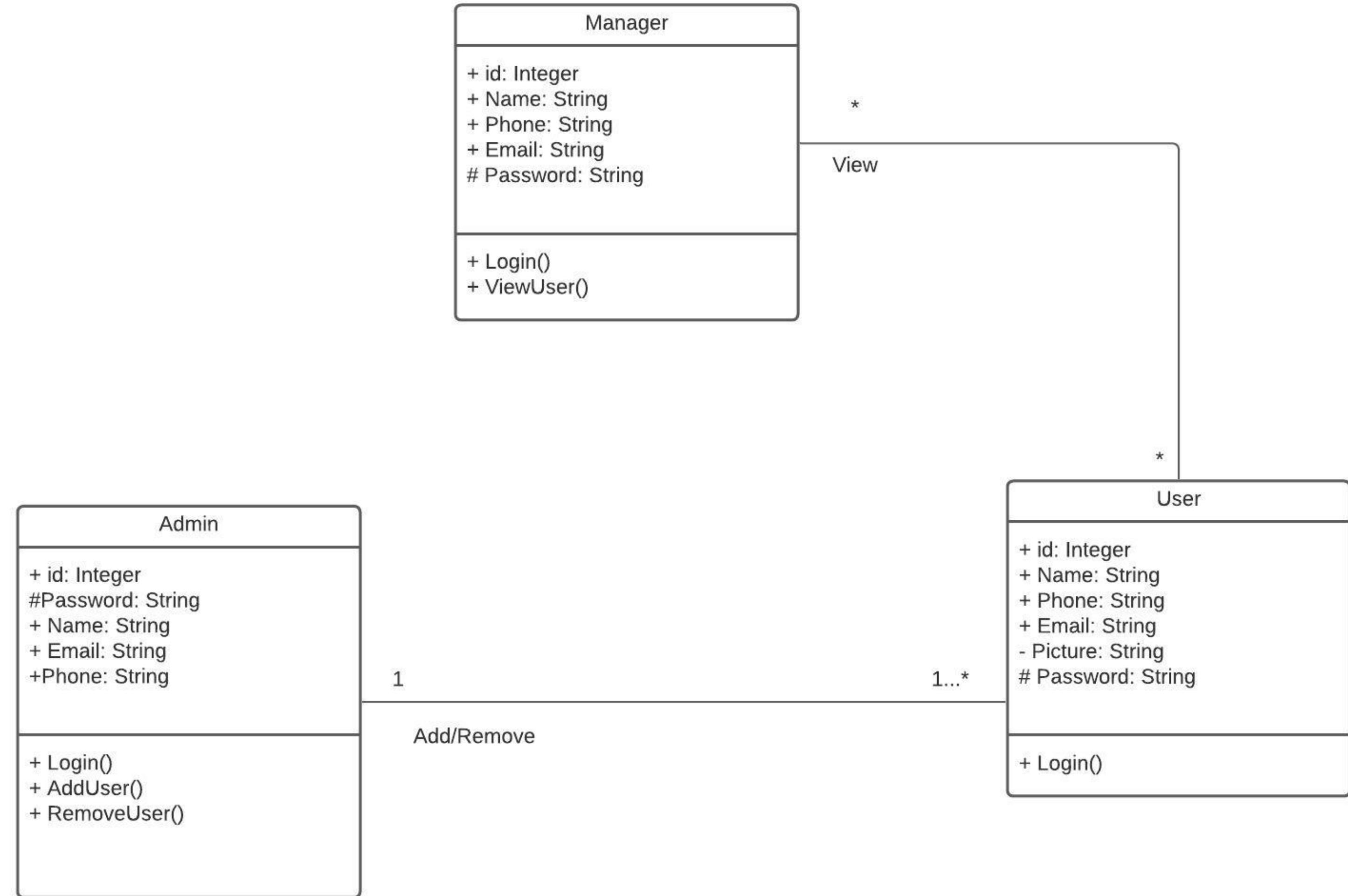
USE CASE DIAGRAM



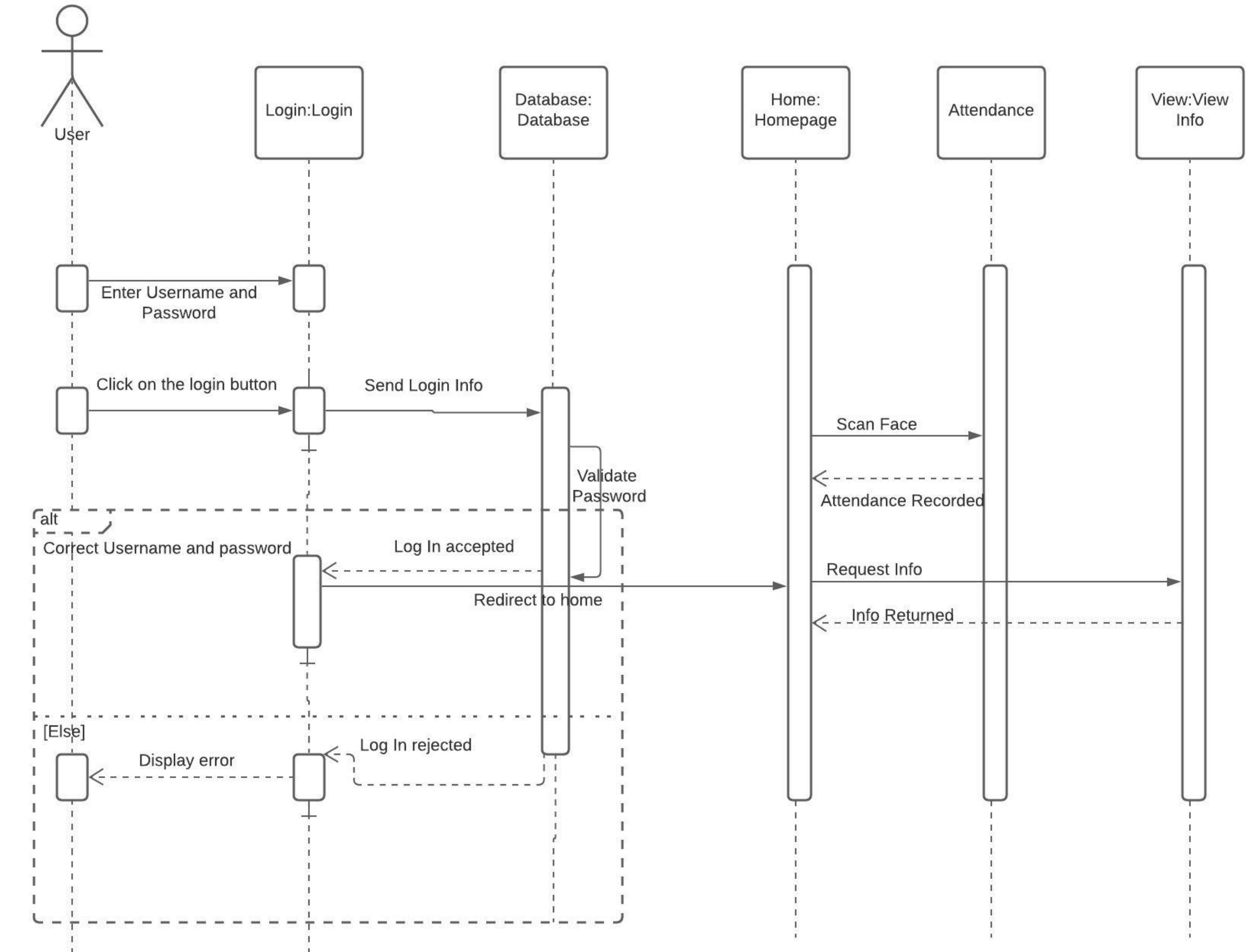
ERD DIAGRAM



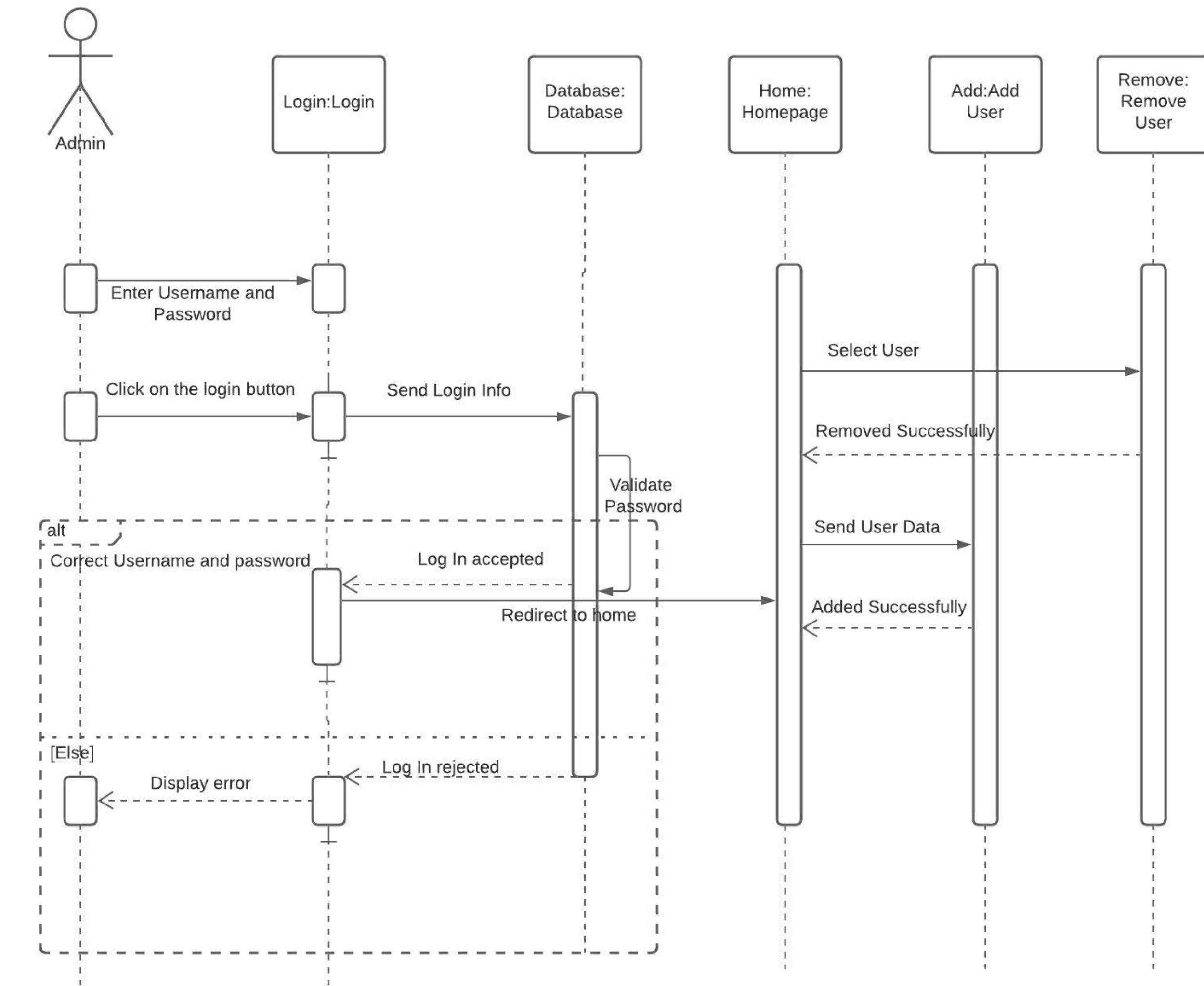
UML CLASS



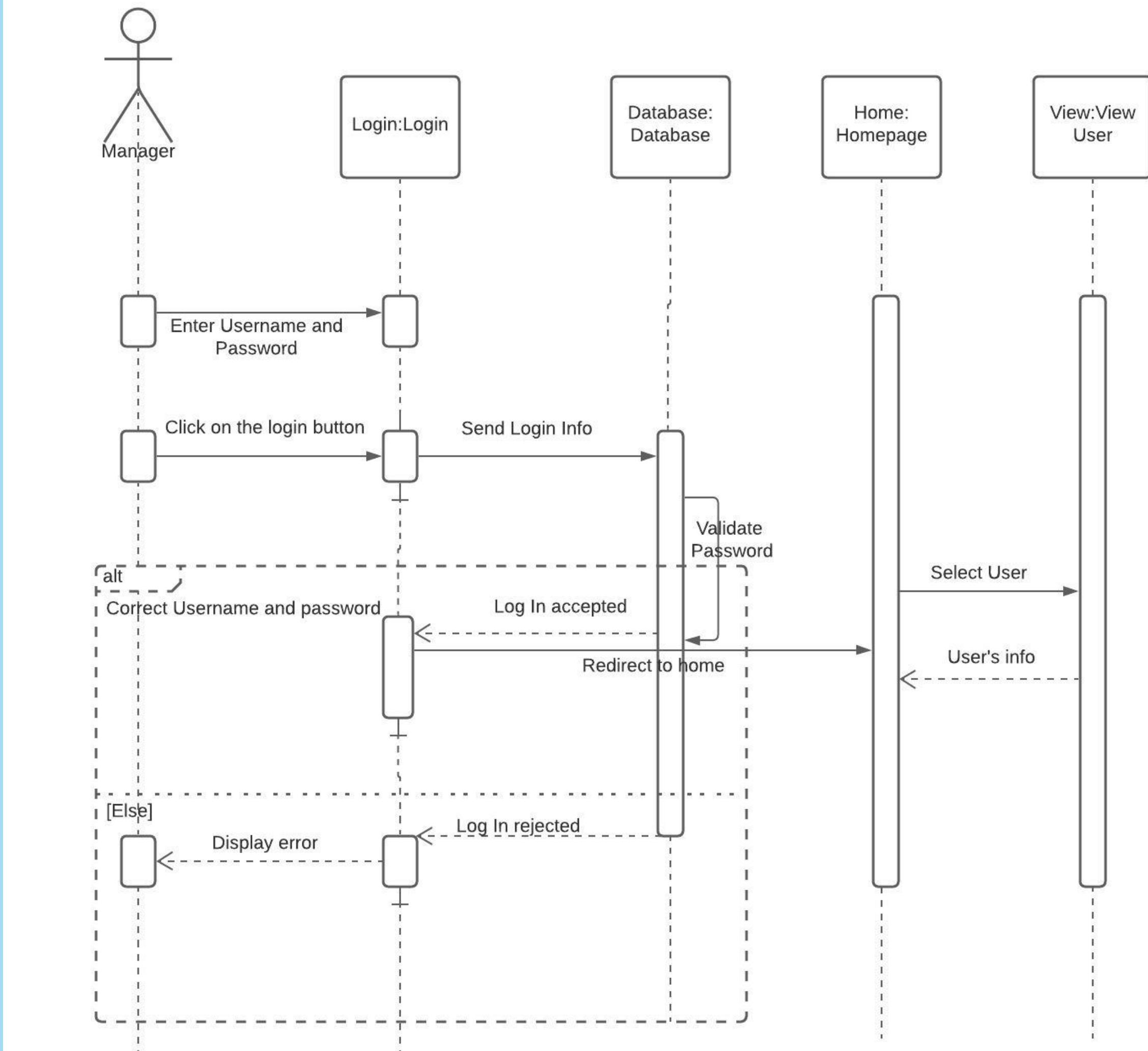
SEQUENCE DIAGRAM: 1)USER LOGIN



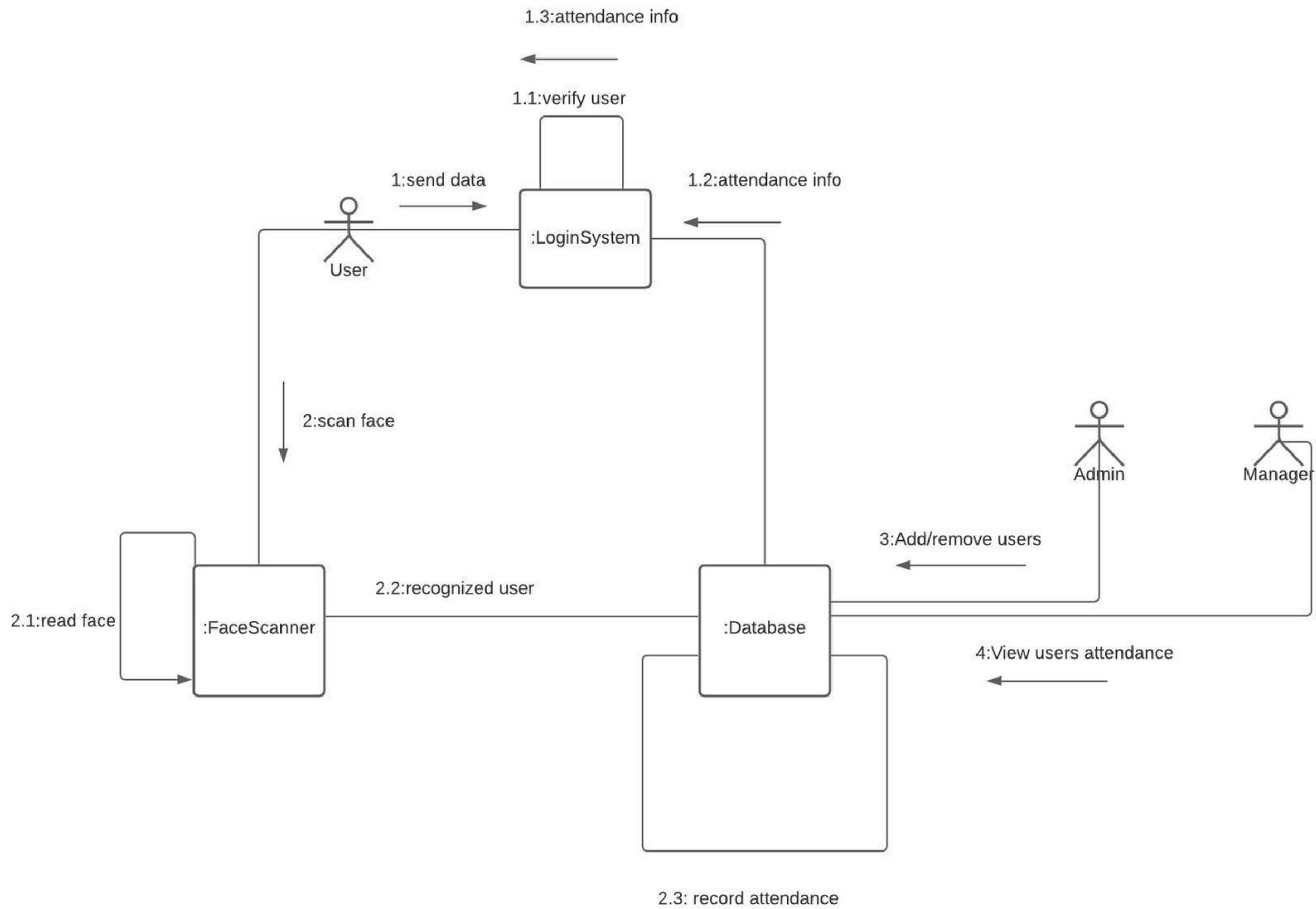
SEQUENCE DIAGRAM: 2)ADMIN LOGIN



SEQUENCE DIAGRAM: 3)MANAGER LOGIN



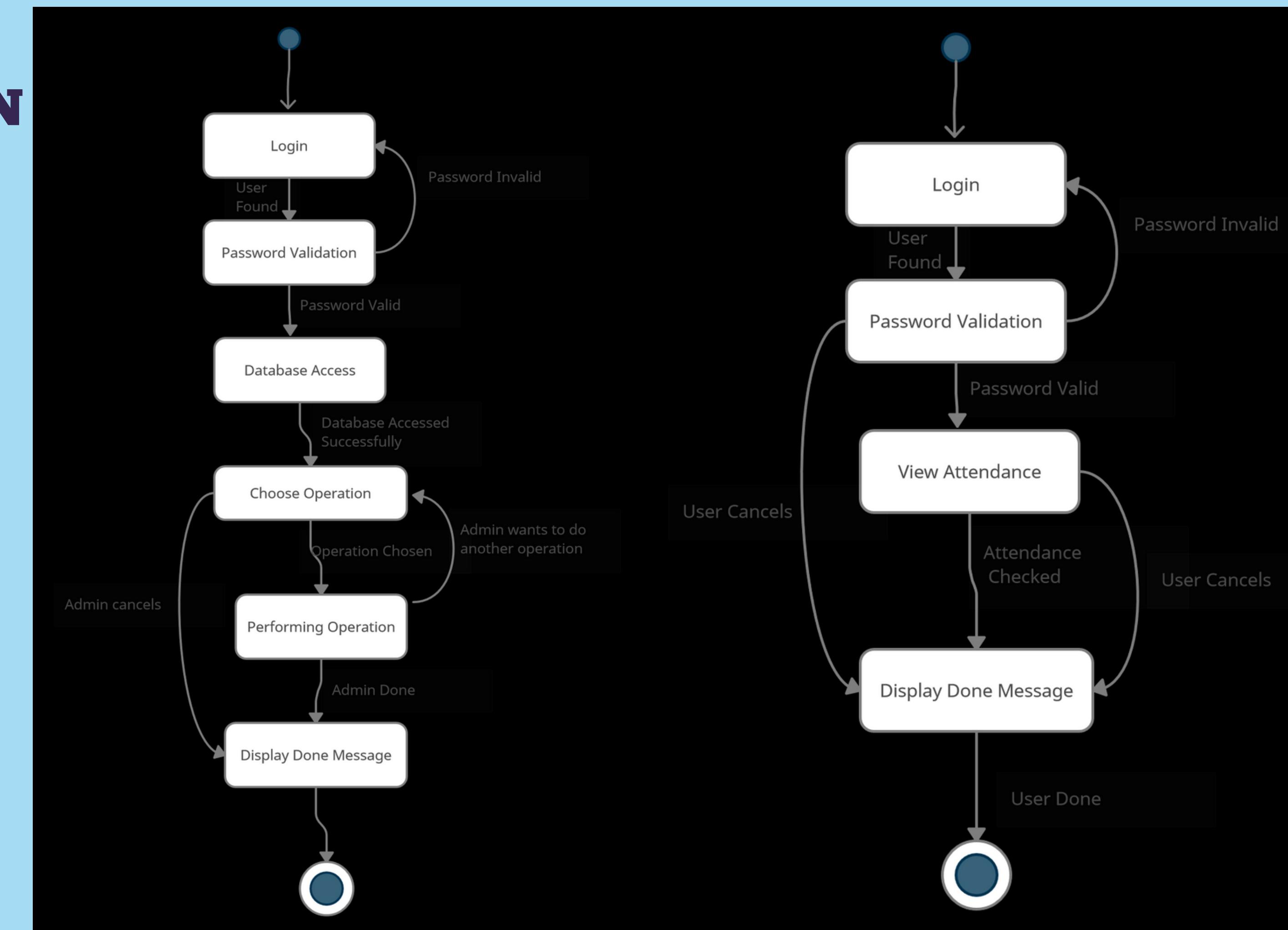
COLLABORATION /COMMUNICATION DIAGRAM



STATE DIAGRAM:

1) ADMIN LOGIN

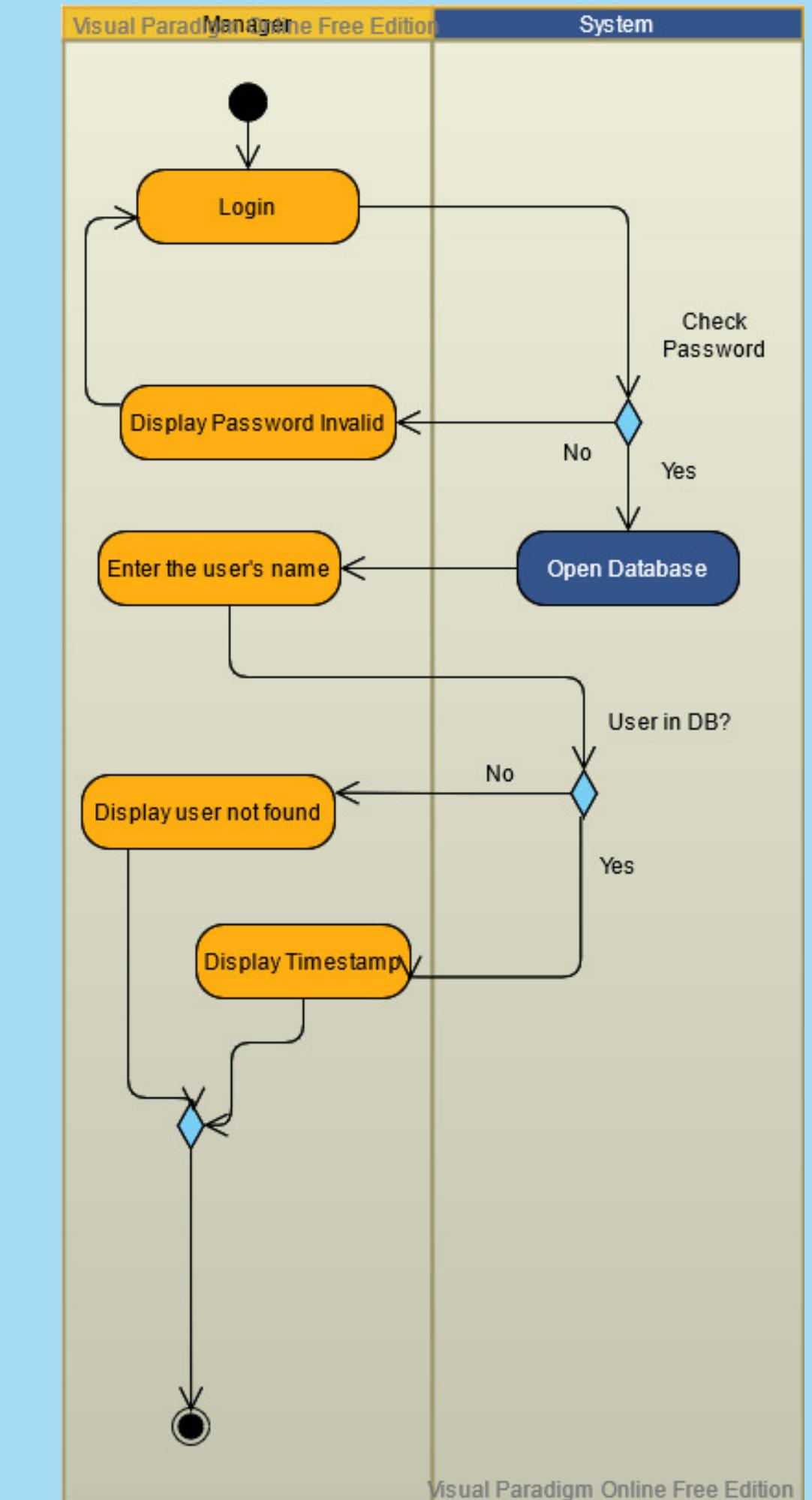
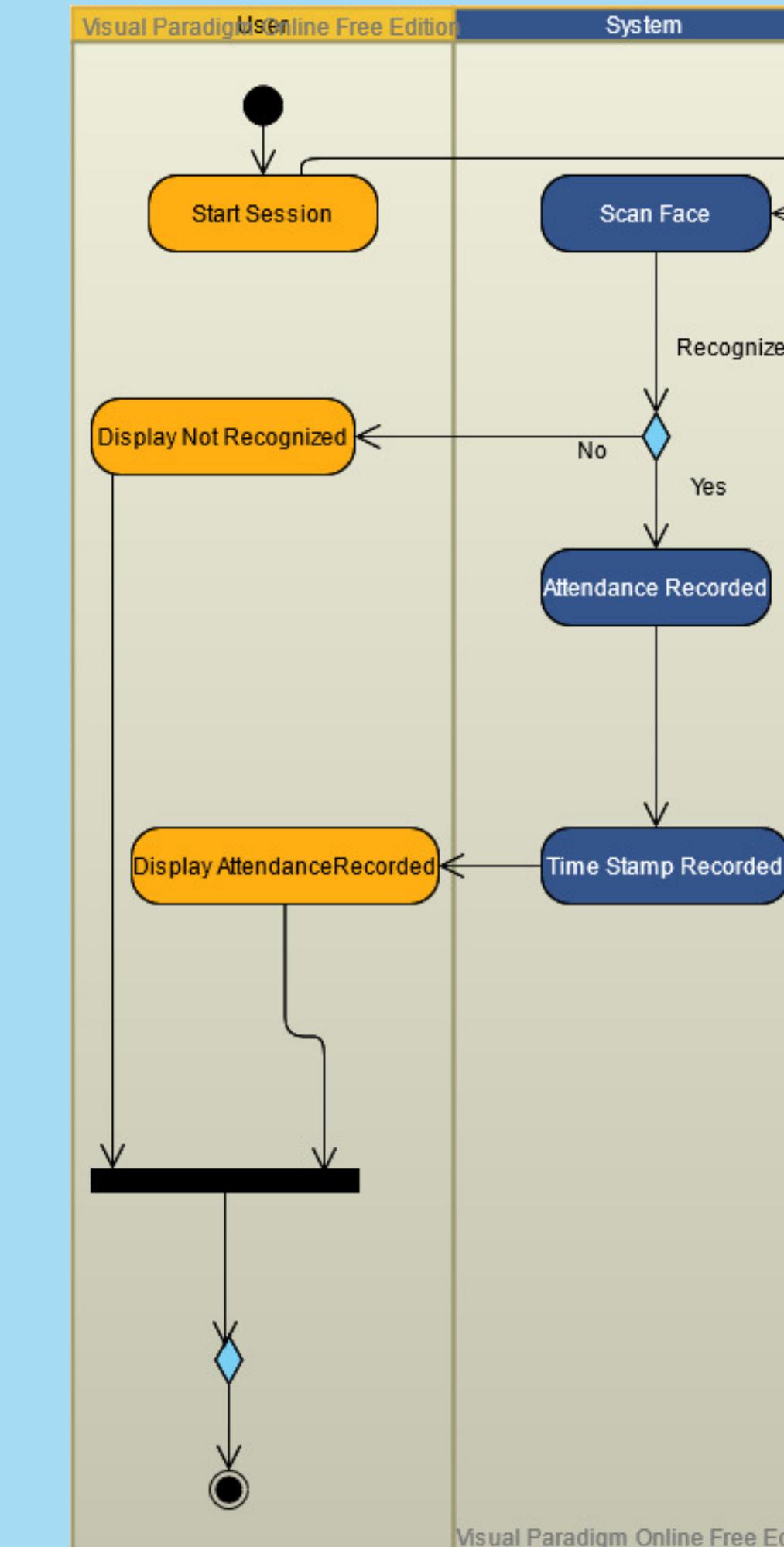
2) USER LOGIN



ACTIVITY DIAGRAM:

1)Scanning User's Face

2)Manager Login



Admin Name :

admin

Password :

.....

Hello admin

SUBMIT

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10:40 AM
6/9/2021



Admin Name :

Yomna

Password :

.....

Invalid info..

SUBMIT

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Type here to search



10:40 AM
6/9/2021



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00:00:01 ⚠ 0 0/30

- Test Plan
- software
 - BeanShell Sampler
 - View Results Tree
 - Java Request
 - View Results in Table**
 - Summary Report

View Results in Table

Name: Comments:

Write results to file / Read from file

Filename [Browse...](#)Log/Display Only: Errors Successes Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	10:42:46.519	software 1-4	Java Request	106	✓	0	0	0	0
2	10:42:46.551	software 1-5	Java Request	138	✓	0	0	0	0
3	10:42:46.448	software 1-1	Java Request	286	✓	0	0	0	0
4	10:42:46.457	software 1-2	Java Request	297	✓	0	0	0	0
5	10:42:46.587	software 1-6	Java Request	174	✓	0	0	0	0
6	10:42:46.490	software 1-3	Java Request	330	✓	0	0	0	0
7	10:42:46.618	software 1-7	Java Request	203	✓	0	0	0	0
8	10:42:46.651	software 1-8	Java Request	236	✓	0	0	0	0
9	10:42:46.782	software 1-12	Java Request	112	✓	0	0	0	0
10	10:42:46.683	software 1-9	Java Request	268	✓	0	0	0	0
11	10:42:46.815	software 1-13	Java Request	145	✓	0	0	0	0
12	10:42:46.716	software 1-10	Java Request	299	✓	0	0	0	0
13	10:42:46.847	software 1-14	Java Request	177	✓	0	0	0	0
14	10:42:46.749	software 1-11	Java Request	334	✓	0	0	0	0
15	10:42:46.881	software 1-15	Java Request	211	✓	0	0	0	0
16	10:42:46.914	software 1-16	Java Request	244	✓	0	0	0	0
17	10:42:47.046	software 1-20	Java Request	121	✓	0	0	0	0
18	10:42:46.947	software 1-17	Java Request	277	✓	0	0	0	0
19	10:42:47.079	software 1-21	Java Request	154	✓	0	0	0	0
20	10:42:46.979	software 1-18	Java Request	309	✓	0	0	0	0
21	10:42:47.112	software 1-22	Java Request	187	✓	0	0	0	0
22	10:42:47.012	software 1-19	Java Request	344	✓	0	0	0	0
23	10:42:47.146	software 1-23	Java Request	223	✓	0	0	0	0
24	10:42:47.177	software 1-24	Java Request	254	✓	0	0	0	0
25	10:42:47.309	software 1-28	Java Request	130	✓	0	0	0	0
26	10:42:47.211	software 1-25	Java Request	287	✓	0	0	0	0
27	10:42:47.341	software 1-29	Java Request	161	✓	0	0	0	0
28	10:42:47.243	software 1-26	Java Request	318	✓	0	0	0	0
29	10:42:47.374	software 1-30	Java Request	194	✓	0	0	0	0
30	10:42:47.277	software 1-27	Java Request	352	✓	0	0	0	0

Activate Windows

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 Scroll automatically? Child samples?

No of Samples 30

Latest Sample 352

Average 229

Deviation 75



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10:43 AM
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00:00:01 ⚠ 0 0/30

Test Plan

- software
 - BeanShell Sampler
 - View Results Tree
- Java Request
 - View Results in Table
 - Summary Report

Summary Report

Name: Comments:

Write results to file / Read from file

Filename Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Java Request	30	229	106	352	75.36	0.00%	25.4/sec	0.00	0.00	.0
TOTAL	30	229	106	352	75.36	0.00%	25.4/sec	0.00	0.00	.0

⋮

Activate Windows
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Include group name in label? Save Table Header

File Edit View Navigate Code Refactor Run Tools VCS Window Help test - test.py

test > test.py

Project main.py data.json test.py

27 assert maryam_data['id'] == 2
28 assert maryam_data['name'] == 'maryam' ... assert maryam_data['attendance'] == 'not marked'
29

test_student20

Run: pytest in test.py

Tests passed: 2 of 2 tests – 0 ms

Test Results 0 ms C:\Users\Yousra\anaconda3\envs\test\python.exe "C:\Program Files\JetBrains\PyCharm Community Edition 2020.3.3\plugins\python-ce\helpers\pycharm"
Testing started at 10:39 AM ...
Launching pytest with arguments C:/Users/Yousra/PycharmProjects/test/test.py in C:/Users/Yousra/PycharmProjects/test

===== test session starts ======platform win32 -- Python 3.8.10, pytest-6.2.3, py-1.10.0, pluggy-0.13.1 -- C:\Users\Yousra\anaconda3\envs\test\python.execachedir: .pytest_cacherootdir: C:/Users/Yousra/PycharmProjects/testcollecting ... collected 2 items

test.py::test_student1 PASSED [50%]
test.py::test_student2 PASSED [100%]

===== 2 passed in 0.04s ======Process finished with exit code 0

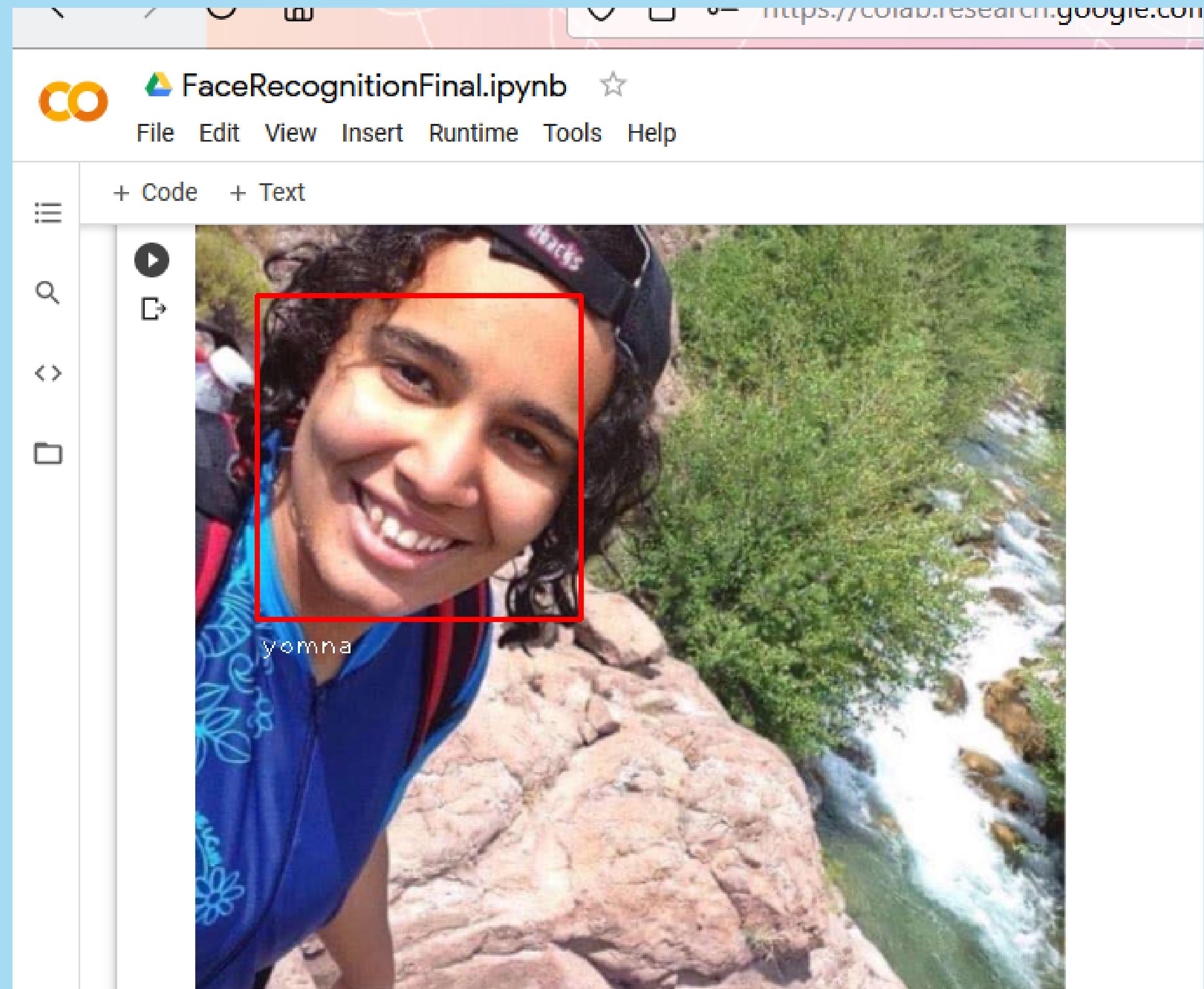
Activate Windows
Go to Settings to activate Windows.

Run TODO Problems Terminal Python Console

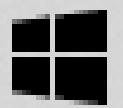
Tests passed: 2 (2 minutes ago) 11:80 Python 3.8 (test)

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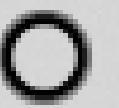
10:41 AM 6/9/2021 ENG



processing 22.jpg



Type here to search





Teammates



Yomna
Mohammad



Maryam
Elkholly



Shaimaa
Hossam



Nada
Ismael

Thank You

