A

PROJECT REPORT

ON

“ Voice Assistant ”

Towards partial fulfilment of the requirement in

4th Semester BCA (2022 – 2023)

Submitted by:

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Submitted To:-

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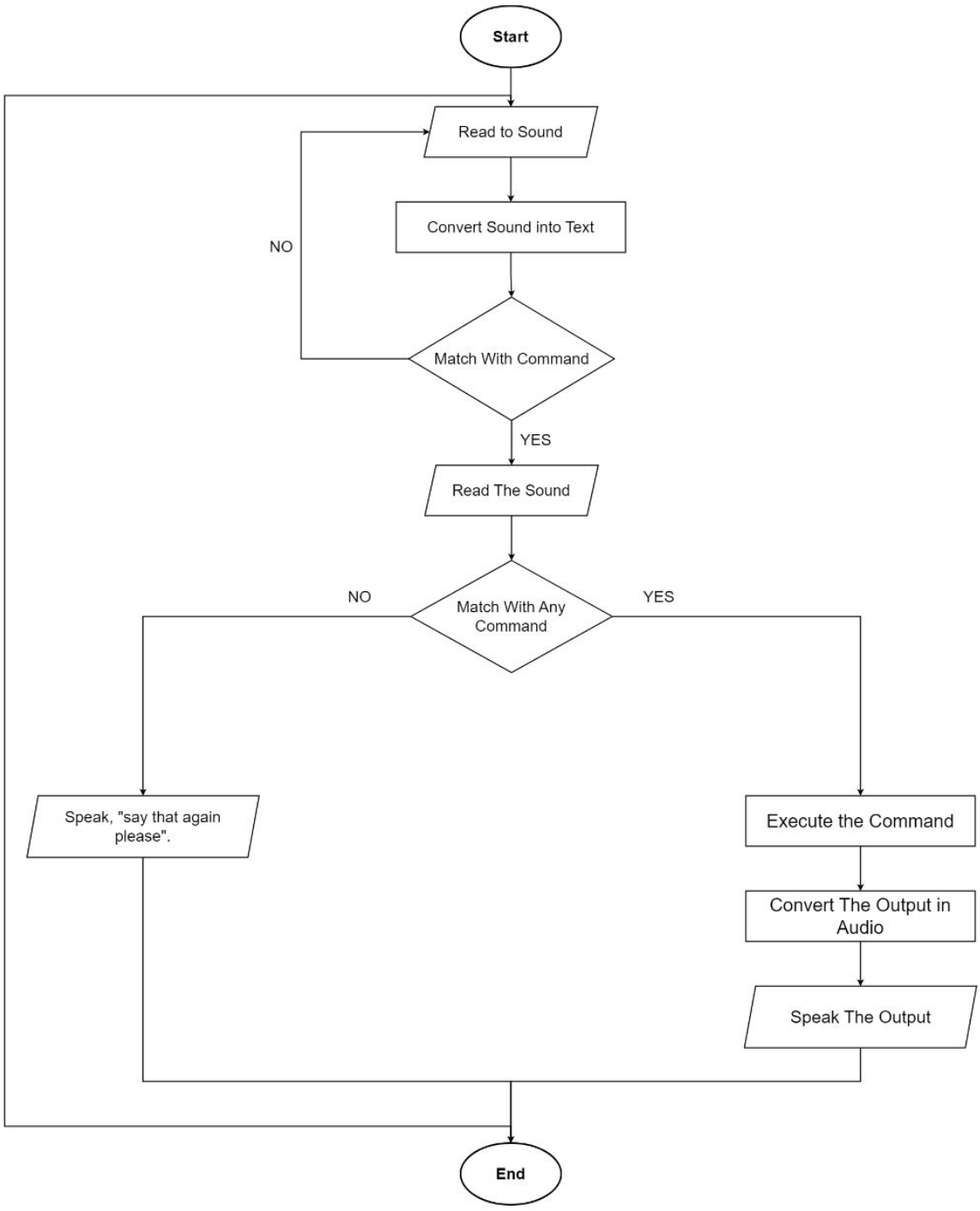
3.7.Flow Chart



3.8.Time Line Chart

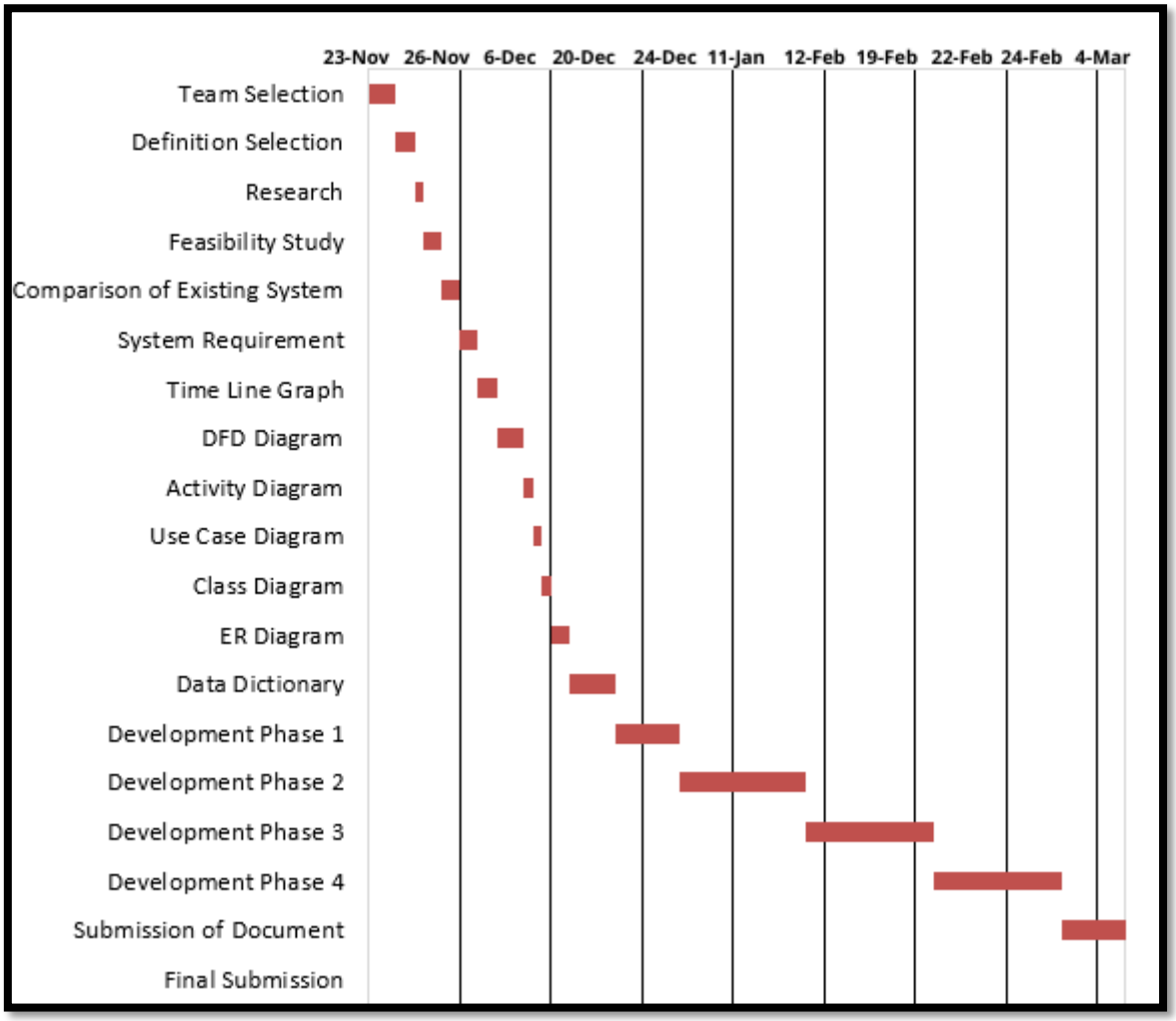


Figure 3.7.1. Time Line Chart

4. Technology Description

4.1. Features and Limitations of New System

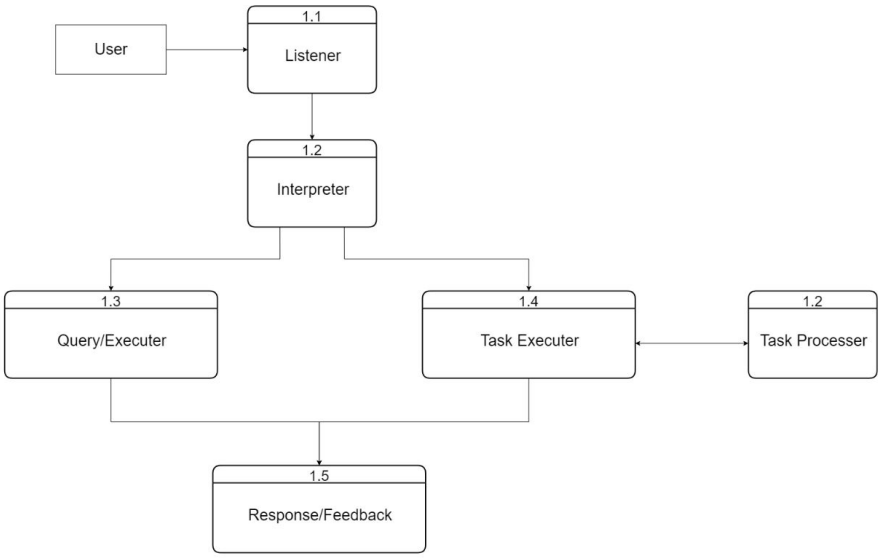
Existing System	New System
They were not perform specific task	They were perform specific task
There are normal voice assistant	There are advance voice assistant

5. Data Flow Diagram

5.1. Context Level DFD's

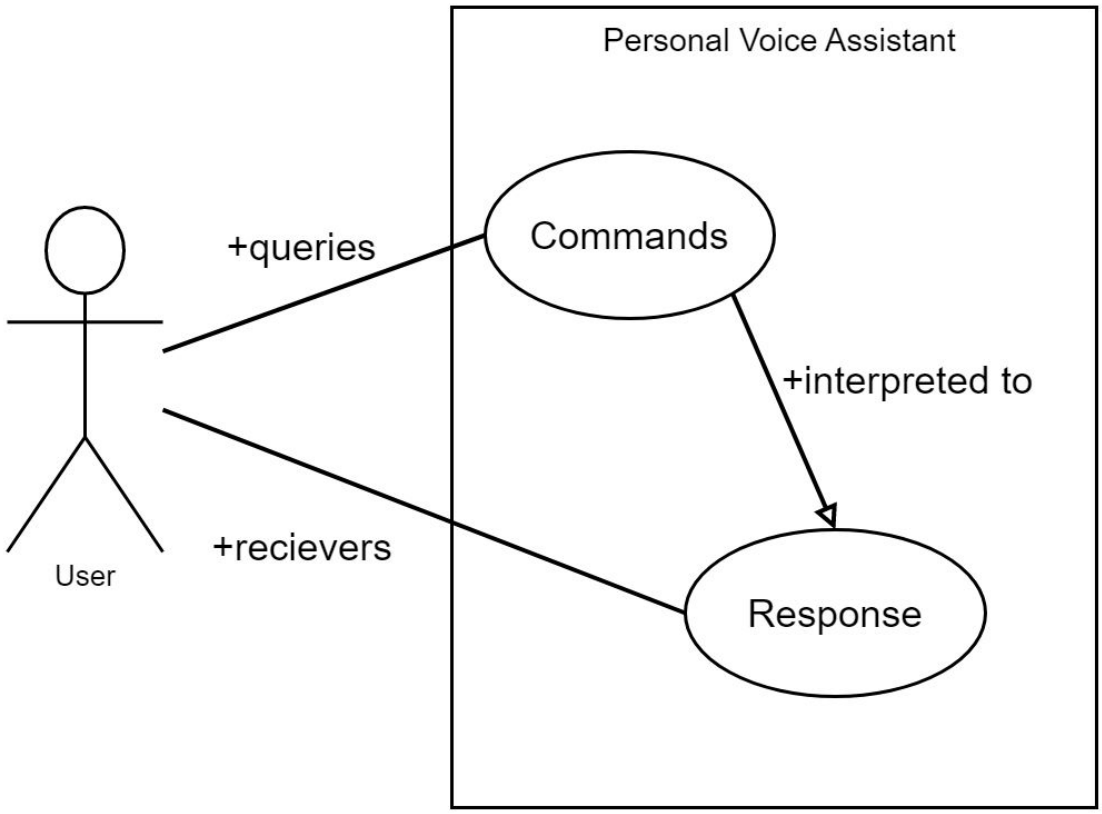
Figure 5.1.1. Context Level DFD: 0 Level

5.2.Level 1 DFD's:

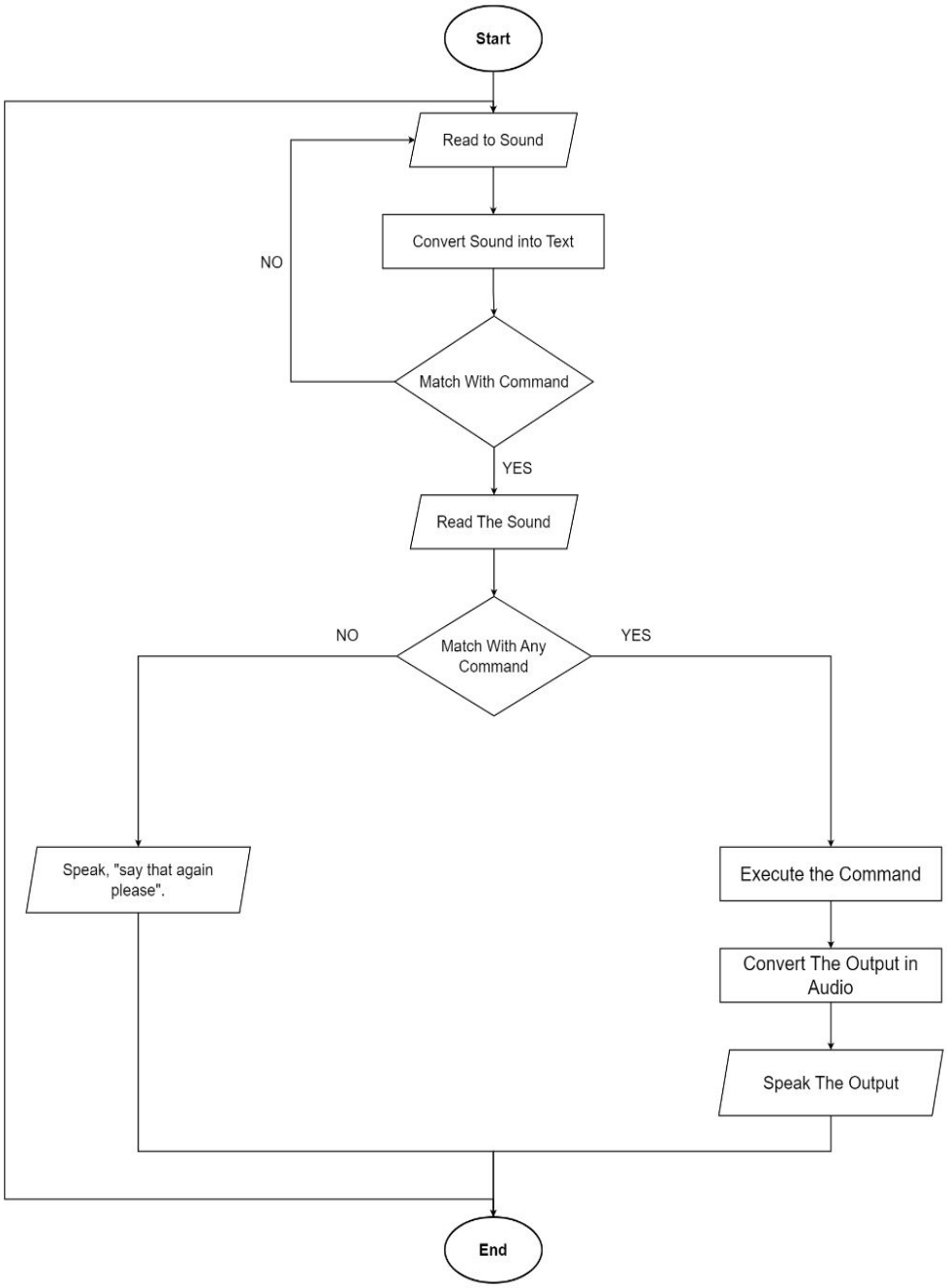


5.3.Level 3 DFD's:

6. Use Case Diagram

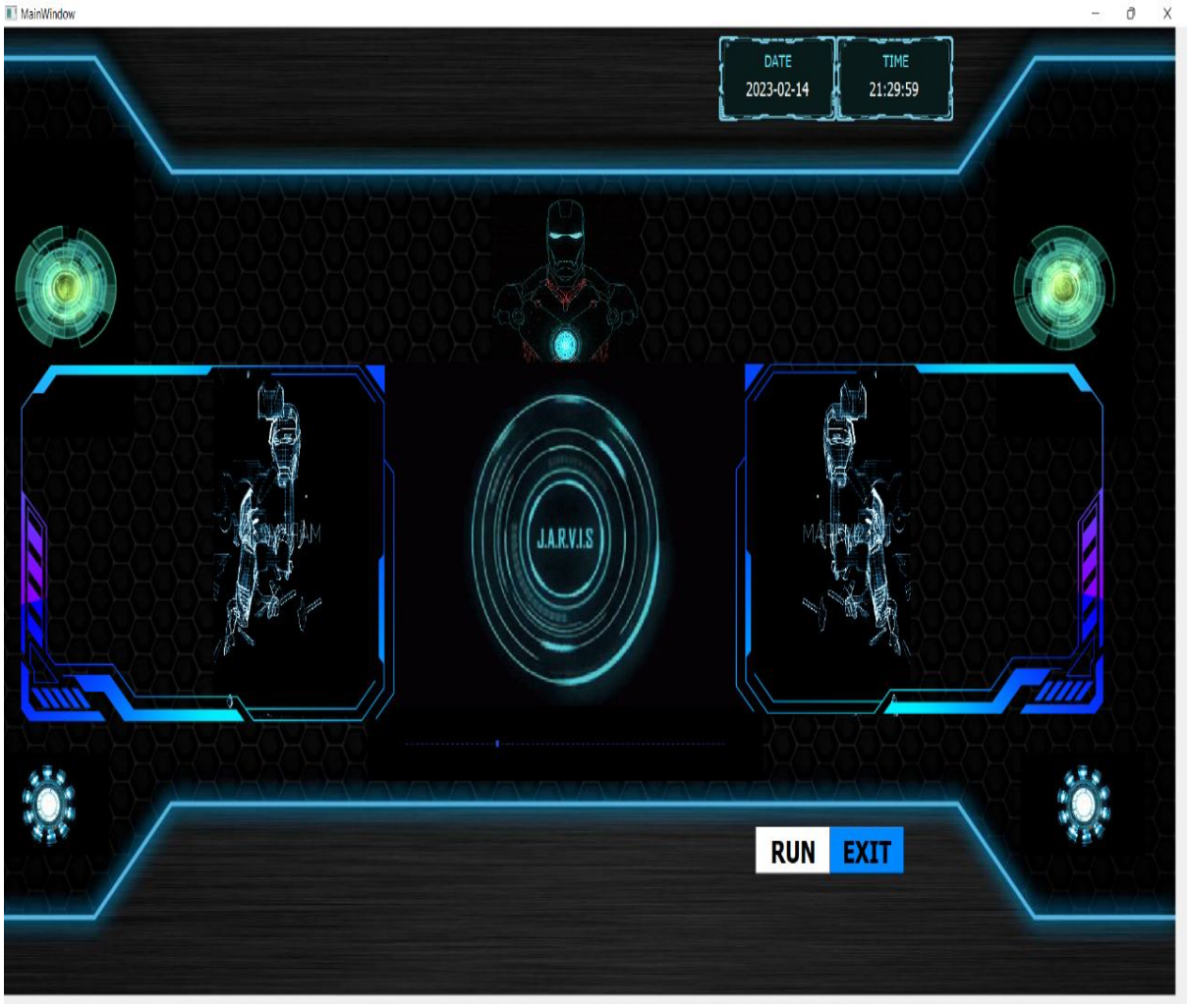


7. System Flow diagram

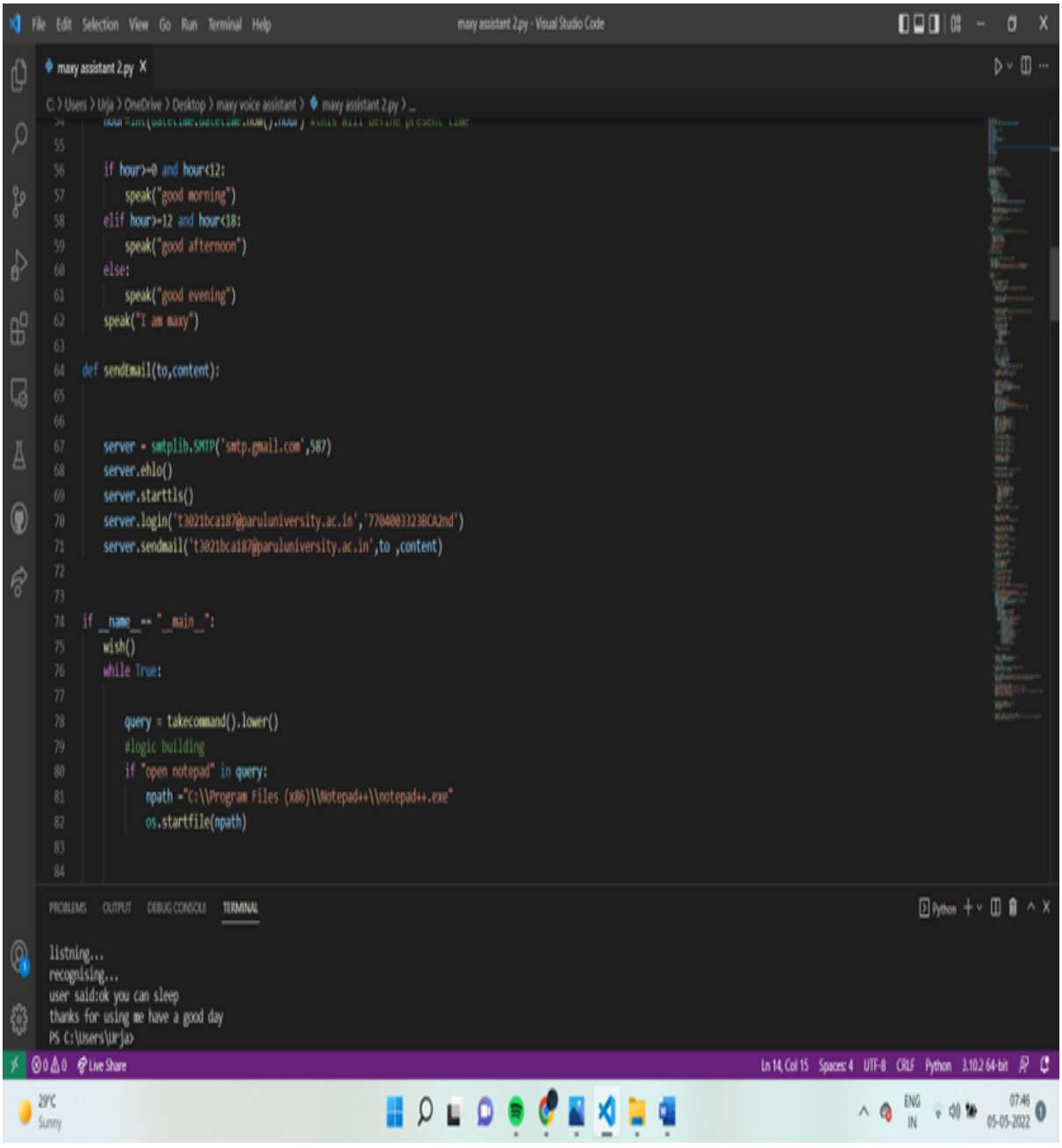


8. Form Design (Screenshots Phase 1 ,2,3,4 & validation's screenshots)

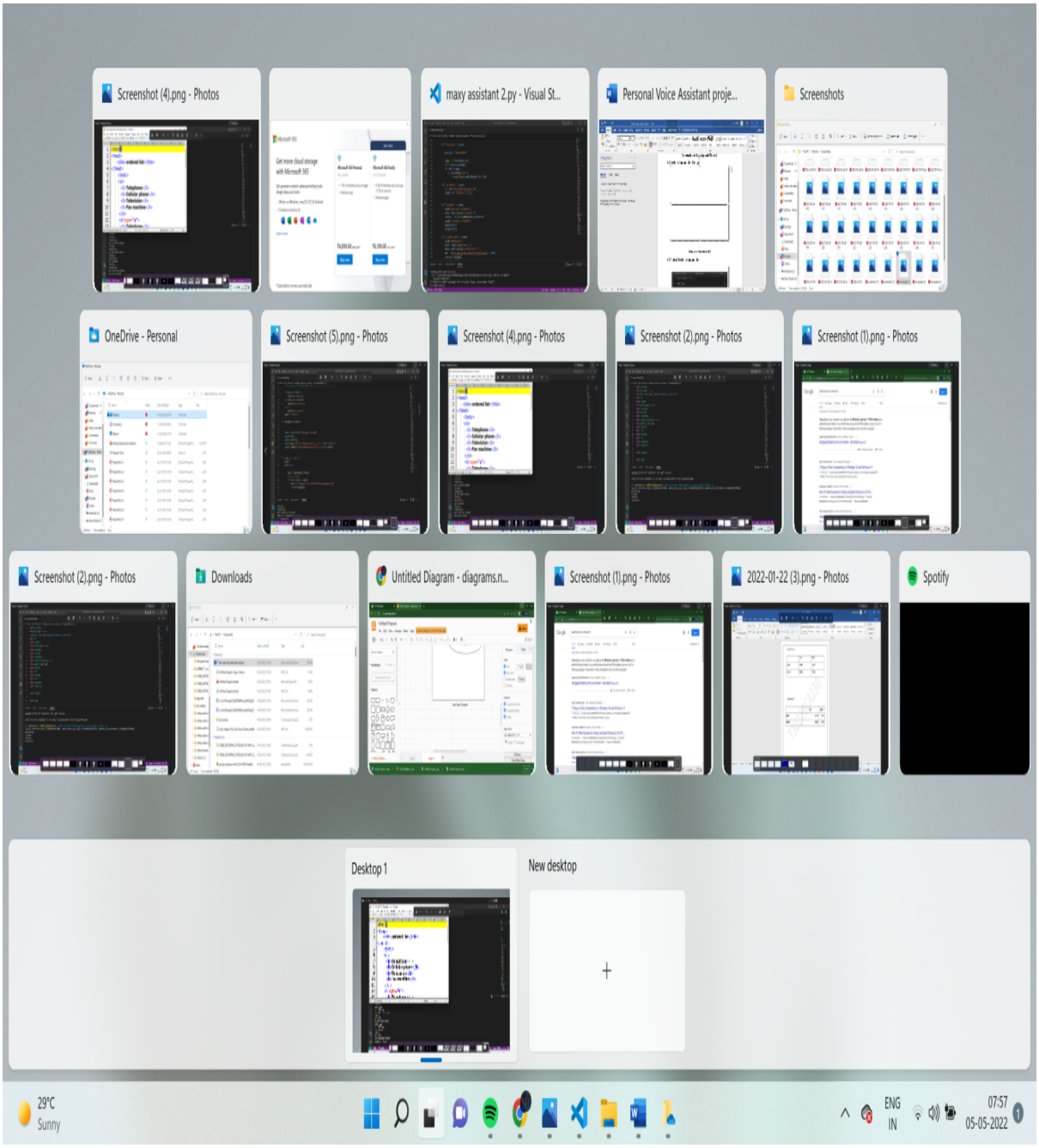
8.1.Development Phase -1



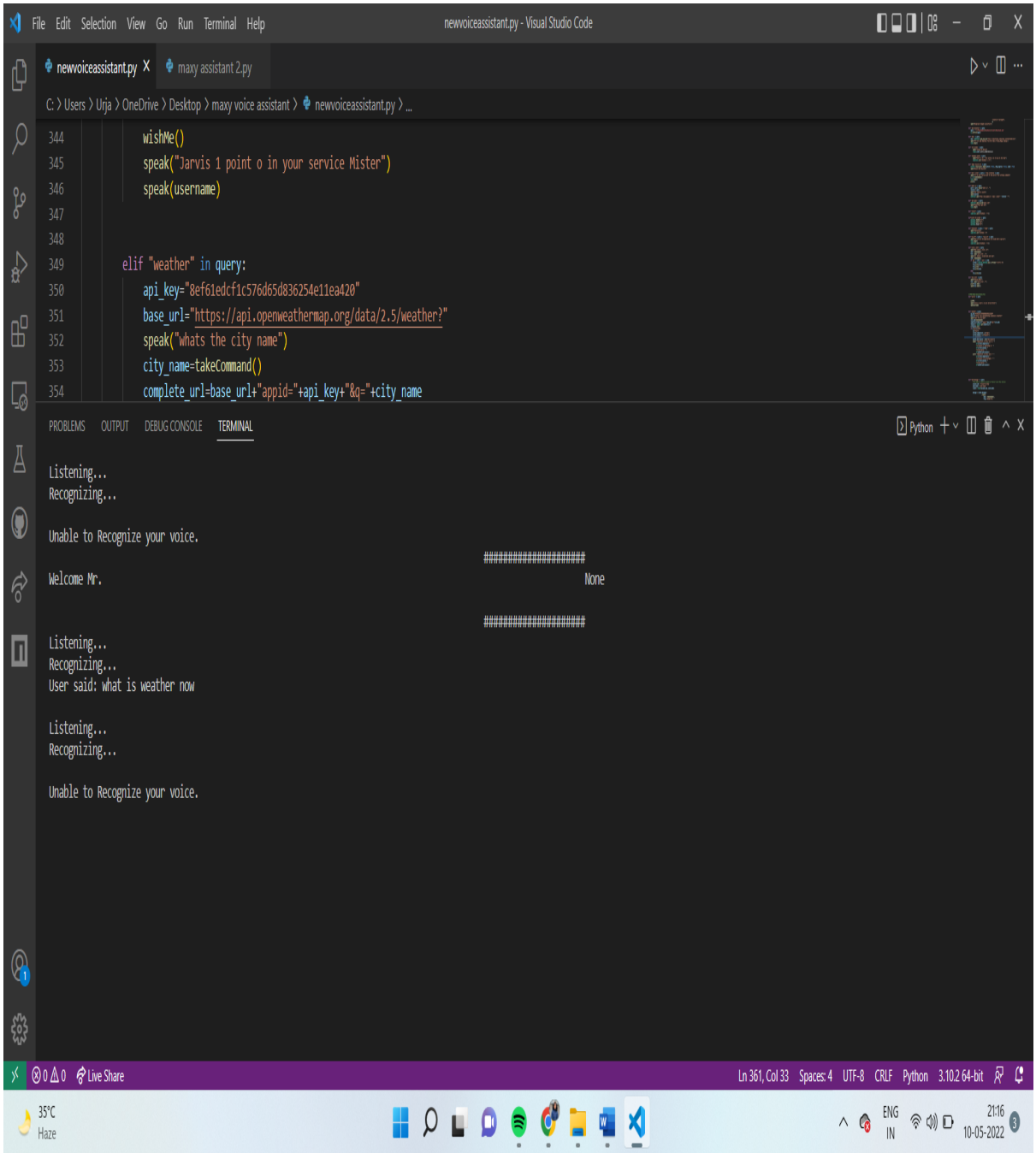
8.2.Development Phase -2



8.3.Development Phase -3



8.4.Development Phase -4



12. What is testing?

12.1. Importance and types of testing

Software testing is the act of examining the artifacts and the behaviour of the software under test by validation and verification. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation.

Importance:

Identifies defects early.

Improves product quality.

Increases customer trust and satisfaction.

Detects security vulnerabilities.

Helps with scalability.

Saves money.

Types:

Integration Testing.

Unit Testing.

Functional Testing.

Security Testing.

Performance Testing.

Regression Testing.

Stress Testing.

Acceptance Testing.

13. Future Enhancement

- Change In Behaviors Of Searching.
- Voice In Gaming Industry
- Individualized Experiences
- Voice-Tech in Healthcare
- Voice Cloning
- Way of Sharing Technology

14. References & Bibliography

Website referred:

www.stackoverflow.com

www.pythonprogramming.net

www.codecedemy.com

Books referred:

Python Programming – Kiran Gurbani

Learning Python – Mark Lutz

Resources: -

1. YouTube
2. Google

THANK YOU ……