It gives me great pleasure on bringing out the project entitled, we express our deep sense of gratitude and sincere regards to our guide **Prof. D. B. Nanaware** For their timely guidance and friendly discussion had helped us immensely in selecting this current topic and completing the project work.

We are thankful to Head of Department **Prof. P. R. Jagdale** and **Prof. D. B. Nanaware** Project Coordinator Computer Engineering Department, for their inspiration and encouragement. He has immensely helped in providing all opportunities and facilities for the project work.

We are thankful to **Prof. R. M. Wabale** Principal, Institute of Technology and

Engineering. Malegaon (Bk.) for providing institutional facilities and suggestions.

We are thankful to all the faculty members of Computer Engineering department and library for help which have been immensely useful in our work.

We will fail in our duties if we do not mention our classmate who was a constant source of inspiration during the project work.

Last but not the least we are thankful to all them who directly or indirectly helped us to complete this work.

**Project Members-**

**Miss. Utkarsha Pansare**

SVPM’S Instiute of Technology Malegaon Bk.Computer Engineering (2020-21)

i

Our web-based feedback system is designed to facilitate communication and collaboration between students, staff, and administrators in educational settings. The system includes three login portals, one for administrators to manage the system and provide feedback to staff and students, one for staff to view feedback and insights from their peers and students, and one for students to provide feedback on their educational experiences.

The system allows administrators to create custom questionnaires, add and manage staff and student profiles, and view and respond to feedback provided by users. Staff can view their own feedback as well as that of their colleagues, while students can provide feedback on their courses and instructors.

By providing a streamlined and efficient way for users to provide feedback and insights, our system has the potential to improve communication and collaboration, identify areas for improvement, and facilitate more informed decision-making in educational settings. We believe that our system has the potential to make a significant impact on the educational landscape, and we are excited to continue refining and improving the system based on feedback and insights from users.

SVPM’S Instiute of Technology Malegaon Bk.Computer Engineering (2020-21)

ii

**LIST OF CONTENTS**

a. Title Pages - b. Acknowledgment i c. Abstract ii

d. Index iii e. List of figures v f. List of Tables vi

g. Nomencleture vii

**INDEX**

**Sr. No Chapter Name Page No**

**1. Introduction………………………………………………... 02-03**

1.1 General about project……………………………………………. 02

1.2 Purpose of the project ……………………………………………... 02

1.3 Scope of the project………………………………………………. 03

**2. Litrature survey…………………………………………… 05-06**

2.1 Exiting System……………………………………………………...05

2.2 Proposed System……………………………………………………06

**3. Project Plan/ Action Plan…………………..…………………..08**

3.1 Project Planning…………………………………………………… 08

3.2 Gantt Chart………………………………………………………… 08

**4. System Requirements…………………………………………..10**

4.1 Hardware Requirement……………………………………………. 10

4.2 Software Requirement……………………………………………... 10

**5. System Analysis……………………………………………. 12-14**

5.1 Use Case Diagram…………………………………………………. 12

5.2 DFD Diagram…………………………………………………….... 13

5.3 Activity Diagram…………………………………………………... 14

**6. Feasibility Study…………………………………………… 16-17**

6.1 Feasibility Study …………………………………………………. 16

6.2 Types of Feasibility……………………………………………….. 17

**7. Technical Overview……………………………………….. 19-24**

7.1 Hardware Implementation………………………………………… 20

7.2 Software Implementation ……………………………………….21-23

**8. Application & Advantages….. ……………………………. 25-27**

8.1 Application…………………………………………………………25

8.2 Student Feedback System………………………………………26-27

**9. Code & Results ……………………………………………29-47**

9.1 Code…………………………………………...………………. 29-38

9.2 Results………………………………………………………..…39-47

**10. Future Enhancement …………………………………………49**

**11. Conclusion……………………………………………………. 51**

**Bibilography………………………………………………. ….53**

**Figure No. Name of Figures Page No.**

5.1 Use Case Diagram 12

5.2 DFD Level 0, 13

5.3 DFD Level 1studeent 13

5.4 DFD Level Tetacher 14

5.5 Activity Diagram 15

**Table Name of Tables Page No.**

3.1 Project Planning 08

3.2 Gantt Chart 08

4.1 Hardware Requirements 10

4.2 Software Requirements 10

9.1 Test case 30

9.2 Second test Scenario 31

12.1 line of code estimation 37

12.2 Hardware Based Estimation 38

**Notation Description**

**ER :** Entity Relationship **DFD :** Data Flow Diagram **LED :** Light Emitting Diode **Temp :** Temperature

**GUI :** Graphical User Interface

**USB :** Universal serial bus