#### Siddaganga Institute of Technology, Tumakuru

(An Autonomous institution affiliated to Visvesvaraya Technological University, Belagavi,

Approved by AICTE, New Delhi, Accredited by NAAC and ISO 9001:2015 certified)



**Project Title**

A project report submitted to

Visvesvaraya Technological University. Belgaum, Karnataka

*in the partial fulfillment of the requirements for the award of degree of*

***Bachelor of Engineering***

in

***Computer Science and Engineering***

By

**NAME USN**

**NAME USN**

under the guidance of

###### Guide Name

Designation



###### Department of Computer Science & Engineering

(Program Accredited by NBA)

###### Siddaganga Institute of Technology

B.H Road, Tumakuru-572 103, Karnataka, India. Web : [www.sit.ac.in](http://www.sit.ac.in/)

###### July, 2022

**Department of Computer Science and Engineering**

**Siddaganga Institute of Technology, Tumakuru**

(An Autonomous institution affiliated to Visvesvaraya Technological University, Belagavi, Approved by AICTE, New Delhi, Accredited by NAAC and ISO 9001:2015 certified)



Certificate

This is to certify that the Project Report entitled **“xxxxxxxxxx”** is a bonafide work carried out by **name1 (1SIxxxxxxx)**, **name 2 (1SIxxxxxxxx)**, **name 3 (1SIxxxxxx)** and **name 4 (1SIxxxxxx)** in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Computer Science and Engineering, Visvesvaraya Technological University, Belagavi during the year 2021-22. It is certified that all corrections/suggestions indicated for the internal assessment have been incorporated in the report.The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

................................. .................................

**Guide Group Convener**

**name name**

**designation designation**

**Dept of CSE, SIT Dept of CSE, SIT**

................................. .................................

**Dr. A S Poornima Dr. S.V. Dinesh**

**Professor and Head Principal**

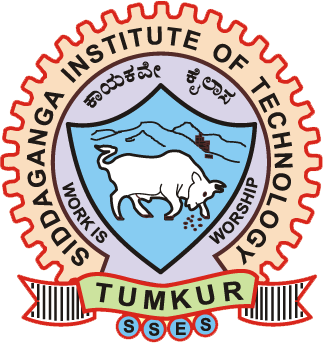
**Dept of CSE, SIT SIT, Tumakuru**

Name of the Examiners Signature with Date

1. Prof.
2. Prof.

###### Department of Computer Science and Engineering

###### Siddaganga Institute of Technology Tumakuru - 572103



**DECLARATION**

We hereby declare that the entire work embodied in this dissertation has been carried out by us at **Siddaganga Institute of Technology** under the supervision of name with designation. This dissertation has not been submitted in part or full for the award of any diploma or degree of this or any other University.

* NAME (USN)
* NAME (USN)
* NAME (USN)
* NAME (USN)

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## Project Planning AY-2021-22

| Activites | No.Of Week s | Plan/ Actual | Septmeber | | | | October | | | | November | | | December | | | | January | | | Feb | | March | | | April | | | | May | | | | June | | | | July | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 1 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 |
| Problem Identification and Literature Survey | 6W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Software Requriments and Specifications | 3W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Architecture, Design and Prototype | 4W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Implementation | 10W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing and Validation | 3W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Closure  - **Results Observations**  **-Demonstration**  **-Report Writing** | 3W | Plan |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Actual |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

PLAN ACTUAL

###### Cost Estimation

Project [cost estimation](https://www.costengineering.eu/cost-estimating-services) is the process of predicting the quantity, cost, and price of the resources required by the scope of a project. Since cost estimation is about the prediction of costs rather than counting the actual cost, a certain degree of uncertainty is involved. The cost estimate is used to determine the size of the required investment to create or modify assets. It is also during the early phases that alternative plans are considered that need to be priced. It covers activities such as resource planning, cost estimating, budgeting and cost control. These activities are repeated in a closed loop and take place during the whole project life cycle.

| **Name** | **Cost** |
| --- | --- |
|  |  |
|  |  |
|  |  |

**PO ATTAINMENT**

| Programme Outcomes (POs): | | Task Preformed | Attainment | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Excellent 5 | Very Good 4 | Good 3 | Fair 2 | Poor 1 |
| PO1 | Engineering knowledge | 1. Applied the knowledge of Development, Programming and Software Engineering. |  |  |  |  |  |
| PO2 | Problem analysis | 1. Literature Survey done on "Chat-bot methodology" 2. Behaviours of students during course and quiz. 3. The objectives of the project were set. 4. Knowledge of Development, Programming and Software   Engineering was found to be useful in implementing the project |  |  |  |  |  |
| PO3 | Design/development of solutions | 1. Solutions are developed for the following:   Monitor the behaviour of students with the way they talk.   1. Decreasing the dependency of other websites used by students during course. 2. Monitor the applications and system processes running on the client systems. |  |  |  |  |  |
| PO4 | Conduct investigations of complex problems | 1. Requirements for chatbot is gathered through Literature Survey. 2. Behaviour patterns of students indulged in other activities is also studied. 3. Suitable solutions to meet the requirements are developed. |  |  |  |  |  |
| PO5 | Modern tool usage | 1. Visual studio, Flutter, Firebase, Android Studio, Git, Technology is used |  |  |  |  |  |
| PO6 | The engineer and society | 1. This project helps to reduce dependency on other websites and monitor students so that they concentrate on the assigned work. |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Programme Outcomes (POs): | | Task Preformed | Attainment | | | | |
| Excellent 5 | Very Good 4 | Good 3 | Fair 2 | Poor 1 |
| PO7 | Environment and sustainability | 1. This project meets some of the current requirements of admin to help him maintain ethical standards of study work in academic institutions. 2. This project is upgradable with additional monitoring features required for the changing generation of students and is thus   sustainable. |  |  |  |  |  |
| PO8 | Ethics | 1. This project is useful to teach students and prepare them for examinations. 2. It is also useful to take care that the students concentrate on studies, work and do not get distracted towards non-academic websites when internet facility is provided. 3. References are quoted. 4. Report is prepared by students and plagiarism check is made with turnitin software. |  |  |  |  |  |
| PO9 | Individual and team work | 1. Each student took up the responsibility of executing one module of the project. 2. The report content was contributed by each of the team members. 3. Integration of the modules was done as a team work. 4. Incorporating the suggested changes was done in a 5. As a team presentations and demo of the project was given |  |  |  |  |  |

| Programme Outcomes (POs): | | Task Preformed | Attainment | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Excellent 5 | Very Good 4 | Good 3 | Fair 2 | Poor 1 |
| PO10 | Communication | 1. Phase-wise presentation and Demo of progress of project work before the panel. 2. Presentation and Demonstration of project before Industry Experts. 3. Preparation of Report spread across the entire Semester. 4. Regular interaction with Guide and Panel members to incorporate the suggestions given during evaluations 5. Answering queries during presentations and Demos. |  |  |  |  |  |
| PO11 | Project management and finance | 1. Project Scheduling using Gantt Chart. 2. Maintaining Project Diary. 3. Estimating Man Hour Requirement |  |  |  |  |  |
| PO12 | Life-long learning | 1. Working on Flutter technology. 2. Reading papers and articles on Chatbots. |  |  |  |  |  |

VITAE

| Name:  USN:  DOB:  Permanent Address:  Email:  CGPA:  Placed:  CTC: |  |
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| Name:  USN:  DOB:  Permanent Address:  Email:  CGPA:  Placed:  CTC: |  |
| Name:  USN:  DOB:  Permanent Address:  Email:  CGPA:  Placed:  CTC: |  |

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