Project Diary

B.TECH FINAL YEAR CSE

Team Name:- Bit Lords
Shubh Gaur(1/18/FET/BCS/185)
Harsh Vardhan(19/FET/CS(L)/003)
Shivam Sharma(1/18/FET/BCS/207)
Madhusudhan Mishra(1/18/FET/BCS/199)

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B.Tech Project Execution Plan

Sr. No.	Task	Month
1.	Design a basic template for the GUI(Rough-Sketch).	
2.	Starting construction phase for the GUI.	
3.	Make a flowchart for the logic.	
4.	Implement the logic using the flowchart created in the previous phase.	
5.	Integrate the GUI app with the backend code for Caesar-Cipher.	
6.	Generating project report.	
7.	Uploading and committing changes on GitHub.	
8.	Embark the testing phase.	
9.	Resolving bugs if any through various rigorous processes of software testing.	
10.	Committing final changes on GitHub (Done after experimentation and rigorous testing).	

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Weekly Project Execution Plan

Sr. No.	Week	Date	Task to be done	Remarks
1	Week 1	23/08/2021	Project Topic Assigned by IBM. Create a low level design document for the project	
2	Week 2	30/08/2021	Submitted the low level design document to supervisor and team discussions were held.	
3	Week 3	06/09/2021	Started the project work and discussed some UI designs and created a rough sketch of the UI.	
4	Week 4	13/09/2021	Finalized the programming language and researched about the various libraries that could come in handy for the project implementation.	
5	Week 5	20/09/2021	Reporting progress of each individual starting UI development learning phase.	
6	Week 6	27/09/2021	Implementing the code for bruteforcer and starting the UI construction phase.	
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Weekly Project Execution Plan

Sr. No.	Week	Date	Task to be done	Remarks
11				
12				
13				
14				
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Meeting 2

Points Discussed

Various Ideas were discussed on how to arrange the tasks mentioned above so that the project could be completed on time and the low-level

design document was prepared and submitted to the project supervisor and project guide.

We also divided the work among ourselves in the following way:-

1.Shubh Gaur-Responsible for building the backend code for Caesar-Cipher.

2.Harsh Vardhan- Reponsible for implementing a bruteforcer for Caesar-Cipher.

3. Shivam Sharma- Responsible for Frontend and backend Integration and also UI development.

4.Madhusudhan Mishra- Responsible for UI development.

Previous meeting task status_____

      Signature of Guide/Co Guide: _____

      Absent Student Roll No.:   _____

      Project coordinator/HoD: _____

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Meeting 3

Points Discussed

Various rough sketches were drawn and we came to a decision and finalized the UI for our project.

Tasks Assigned:-

Harsh Vardhan & Shubh Gaur:- Create a flowchart for the Caesar-Cipher algorithm first as it would help in programming the backend part.

Shivam Sharma & Madhusudhan Mishra:-Learn about the various techniques for UI/UX design and also about integrating the backend code with front end code.

Previous meeting task status_____

      Signature of Guide/Co Guide: _____

      Absent Student Roll No.:   _____

      Project coordinator/HoD: _____

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Meeting 4

Date: 13/09/2021

Points Discussed

The team sat together to finalize the programming language for building the project and the language we found to be most effective was

Python 3 because of its diverse nature as it is used in many areas and has libraries for most of the use cases.

Tasks Assigned:-

1.Shubh Gaur:- Implement the backend code for Caesar-Cipher algorithm using the flowchart created earlier in Python.

2. Harsh Vardhan:- Research about bruteforcing the Caesar-Cipher encryption(i.e try to decode the ciphertext without the key).

3.Shivam Sharma and Madhusudhan Mishra:-Research about Pygame and Tkinter libraries for UI designing and read its documentation to start the UI development phase immediately.

Previous meeting task status_____

        Signature of Guide/Co Guide: _____

        Absent Student Roll No.:   _____

   Dean R&D/ Project coordinator/HoD: _____

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Meeting 5

Date: **20/09/2021**

Points Discussed

The main task this week was to report the progress of each individual.

Shubh Gaur:- Debugging the backend code as it was having some errors.

Harsh Vardhan:- Understood the bruteforcing of Caesar-Cipher,and drawn a flowchart for the same.

Shivam Sharma:- Learning about the Pygame library using the documentation.

Madhusudhan Mishra:- Learning to code in Python 3 and afterwards learn about the Tkinter library using the documentation

Previous meeting task status_____

   Signature of Guide/Co Guide: _____

    Absent Student Roll No.:   _____

    Project coordinator/HoD: _____

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Meeting 6

Points Discussed

The backend code for the Caesar Cipher technique has been implemented and is error-free.

The code was tested for various dummy inputs by Shubh Gaur and HarshVardhan to ensure that everything is working fine.

Shivam Sharma and Madhusudhan Mishra started the construction phase of UI.

Tasks Assigned:-

Shubh Gaur and Harsh Vardhan:- Implementing the backend code for bruteforcer.

Shivam Sharma and Madhusudhan Mishra:- Present a prototype of the UI as discussed in the earlier meetings.

Task Given

Previous meeting task status

Signature of Guide/Co Guide: _____

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Project coordinator/HoD: _____

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Meeting 7

Points Discussed

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    Signature of Guide/Co Guide: _____

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Meeting 8

Points Discussed

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Signature of Guide/Co Guide: _____

Absent Student Roll No.: _____

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Meeting 9

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Signature of Guide/Co Guide: _____

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Project coordinator/HoD: _____

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Meeting 10

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Previous meeting task status_____

Signature of Guide/Co Guide: _____

Absent Student Roll No.:   _____

Project coordinator/HoD: _____

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Meeting 11

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Previous meeting task status_____

Signature of Guide/Co Guide: _____

Absent Student Roll No.: _____

Dean R&D/ Project coordinator/HoD: _____

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Meeting 12

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Signature of Guide/Co Guide: _____

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Project coordinator/HoD: _____

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Meeting 13

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Previous meeting task status_____

Signature of Guide/Co Guide: _____

Absent Student Roll No.: _____

Project coordinator/HoD: _____

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Meeting 14

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Signature of Guide/Co Guide: _____

Absent Student Roll No.: _____

Dean R&D/ Project coordinator/HoD: _____

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Meeting 15

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Signature of Guide/Co Guide: _____

Absent Student Roll No.: _____

Project coordinator/HoD: _____

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<u>Remarks for Presentation 1</u> **Date:**

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Sr. No.	Examiner Panel Members	Signature
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Remarks for Presentation 2

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Sr. No.	Examiner Panel Members	Signature
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Remarks for Presentation 3

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Sr. No.	Examiner Panel Members	Signature
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Reviews on Stage I Draft Report

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Signature of Reviewer: _____

Reviews/suggestion implemented in draft report

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Marks Given out of 20: _____

Signature of Reviewer: _____

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Reviews on Stage II Draft Report

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Signature of Guide: _____

Reviews/suggestion implemented in final draft report

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Marks Given out of 20: _____

Signature of Guide: _____

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