

Department Of Computer Engineering

Academic Year: 20 - 20

Project Title: eNotify

Team Member 1: (Team Leader)

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Team Member 2:

Name: Harmit Saini

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Team Member 3:

Name: Shubham Mojidra

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Team Member 4:

Name: Sarvesh Shirwalkar

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Mobile No: 7400104131

Project Guide Project Coordinator Head of Department

Guide Name: S.S. Aloni

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Department Of Computer Engineering

SEM III : WEEK –1 Academic Year: 20 21to 20 22

Date: From 13-08-2021 To: 19-08-2021

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| --- | --- |
| Progress Planned | Progress Achieved |
| Formation of groups | Members finalized and group formed |
| First Meet with Project Guide | Intro. To Mini Project provided |
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Guides Review:

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Team Member 1:

Team Member 2:

Team Member 3:

Project guide :

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Project Co-ordinator:

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Department Of Computer Engineering

SEM III : WEEK – 2 Academic Year: 20 21to 20 22

Date: From 20-08-2021 To: 27-08-2021

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| Progress Planned | Progress Achieved |
| Shortlisting topics | 3 topics Shortlisted |
| 2nd meet with project guide | Discussion on topics done |
| Finalising project title | ‘eNotify’ finalized as project for half year |
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Department Of Computer Engineering

SEM III : WEEK – 3 Academic Year: 20 21to 20 22

Date: From 28-09-2021 To: 4-10-2021

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| Progresss Planned | Progress Achieved |
| Necessity of the project studied | Students in dire need of an email notifier |
| Basic Libraries and flow of project discussed | Bs4 finalised as the main technology used |
| 3rd meet with Project Guide | Project Guide updated on progress |
| Required courses and materials researched | Angela Yu and Geeksforgeeks selected as common material |
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Department Of Computer Engineering

SEM III : WEEK – 4 Academic Year: 20 21 to 20 22

Date: From 5-10-2021 To: 11-10-2021

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| Progresss Planned | Progress Achieved |
| Basic smtp email sender code implementation | Smtp library studied and implemented |
| Beautifulsoup and webscraping research | Bs4 studied further and doubts shared with seniors and respective teachers |
| 4th meet with Project guide | Discussion on format of email and time completed |
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Project Co-ordinator:

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Department Of Computer Engineering

SEM III : WEEK – 5 Academic Year: 20 21 to 20 22

Date: From 12-10-2021 To: 18-10-2021

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| Progresss Planned | Progress Achieved |
| Adding a sense of time in the project | Time, pytz and datetime modules implemented on the script |
| Addition of scheduler to project | Schedule library studied and various functions implemented to automate the script |
| Requests library and bs4 implementation | Data to be extracted was successfully extracted using web scraping tools |
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Project Co-ordinator:

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SEM III : WEEK – 6 Academic Year: 20 21 to 20 22

Date: From 19-10-2021 To: 26-10-2021

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| Progresss Planned | Progress Achieved |
| Cleaning of extracted data | Important data deduced using string and list manipulation |
| Studying different tools to be used to maintain datasets | Excel and CSV shortlisted for huge support |
| Finalisation of the tool used to maintain records | Excel chosen because of ease of access and better ui along with internet updation features |
| 6th meet with project guide | Project guide updated on progress |
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Project guide :

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Project Co-ordinator:

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SEM III & IV: WEEK – 7 Academic Year: 20 21 to 20 22

Date: From 27-10-2021 To: 2-11-2021

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| Progresss Planned | Progress Achieved |
| Implementation of email with scraped data | Successfully sent email containing scraped and refined data |
| Studying pandas | Pandas implemented and data read from excel successfully |
| Discussion on need of creating recipient signup page | Openpyxl selected as the library to write data to excel sheet |
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SEM III & IV: WEEK – 8 Academic Year: 20 21 to 20 22

Date: From 3-11-2021 To: 9-11-2021

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| Progresss Planned | Progress Achieved |
| Discussion on the Need of A GUI | Tkinter to be used as the library to create GUI |
| Discussion on the GUI design | GUI design made using Canva agreed upon by all members |
| 8th meet with Project guide | Different ways of transmission and whatsapp notifier discussed |
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SEM III & IV: WEEK – 9 Academic Year: 20 21 to 20 22

Date: From 10-11-2021 To: 16-11-2021

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| Progresss Planned | Progress Achieved |
| Studying Pywhatkit | Pywhatkit was studied and its functions were implemented |
| Fixing bugs found while implementing pywhatkit | The bugs were fixed by reading articles on stackoverflow and use of pyautogui library |
| GUI implementation | GUI successfully implemented with a pop up window for registration of new recipient along with time setting. |
| 9th meet with Project guide | Discussion on beautifying the email by changing layout |
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Project Co-ordinator:

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SEM III & IV: WEEK – 10 Academic Year: 20 21 to 20 22

Date: From 22-11-2021 To: 28-11-2021

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| Progresss Planned | Progress Achieved |
| Beautifying mail | HTML mail implemented using MIMEtext |
| Adding submission time | Submission time obtained with further webscraping |
| Testing the code | Code tested and few bugs were found and fixed |
| Adding a new section called recent | Recent activity mail added to the script |
| Final meet with Project guide | Updated the guide on project completion |
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