“Techno-Social Excellence”

Marathwada Mitra Mandal

Institute of Technology, Lohgaon,Pune-47

“Towards Ubiquitous Computing Technology”

DEPARTMENT OF COMPUTER ENGINEERING

Group No.

PROJECT WORK BOOK

YEAR – 2023 -2024

**Project Title**: **AnonymoFace – A Real Time Face Anonymization Plugin**

Area of Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sponsored By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

“Towards Ubiquitous Computing Technology”

**DEPARTMENT OF COMPUTER ENGINEERING**

“Techno-Social Excellence”

**Marathwada Mitra Mandal Institute of Technology**

Survey No. 35, Plot No. 5/6, Lohgaon,

Pune – 411 047.

Website : http:// [www.mmit.edu.in](http://www.mmit.edu.in)

E-mail : enquiry@mmit.edu.in

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Group No.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the student | Exam. No. | Mobile No. | E-mail | T. E. Result | Placement Details |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |

Name of Internal Guide : Name of External Guide :

Name & Address of Company:

Mobile: Mobile:

e-mail: e-mail:

**Rules & Regulations**

1. Handle the work book very carefully.
2. All students must enter the correct information in the work book.
3. All the entries in the project book must be verified by the concerned project guide.
4. Student must report to their respective guide on project day as per the time table.
5. Activity planned should be completed as per the schedule only.
6. Submit soft copies of Synopsis, Project report in LATEX format only.
7. Submit **two** hard copies of Synopsis, Project report(LATEX) in appropriate format.
8. Project work book must be brought at the time of presentation & Final project exam.
9. Changes, if any, must be countersigned by the concerned project guide.
10. For project presentation /project examination all the students must report 15 minutes before the schedule.
11. For queries if any contact your project guide.
12. This booklet must be submitted to Guide / Coordinator / Committee or the Head of Dept.

**Project Assessment Scheme**

1. Does the Title of the project explain Domain and Algorithms? (Not Technology)
2. Are students able to describe the work they want to do without Technology Names?
3. Are Domain keywords identified support the Title?
4. Does the Survey of papers with Backward and Forward References done appropriately?
5. What Component of Mathematics is relevant to the Project? Is it covered in the Survey of papers?
6. Are three Appendices A: Design and Analysis related Lab Assignments, B: Testing, Reliability parameters and test plan related Lab Assignments, C: Planner and Progress reports (Work and Installations) are written appropriately and referenced adequately in the Software Engineering Document?
7. Does the system "S" is described using Set Theory?
8. Are initial states and initialization of the parameters that affect the results/ input described and stated?
9. Are failure cases of the system identified and described?
10. Is Set theory; Probability Theory along with Mathematical symbols and notations correctly used in the documentation?
11. Is Derivatives, Integration, Limits, Matrix and game theory etc. used in the documentation?
12. Are data structure objects, Overloading, Morphism etc. identified using Mathematical modeling?
13. Are UML diagrams drawn using mathematical models developed?
14. Are Test/Reliability assessment parameters identified using above models?
15. Are NP-HARD and NP-COMPLETE issues related to design, addressed using above models?
16. Are Answers to the questions asked for the term-work assessment by panel of examiners, satisfactory?
17. Are review comments on paper submitted satisfactory?

Assessment scheme: MAX 10 marks per question (to be converted to 50 marks Term work). No Compromise on the quality of the design & document as stated in the syllabus.

**Project Plan**

SEMESTER-I

|  |  |  |
| --- | --- | --- |
| **Month** | **Schedule** | **Project task** |
| July | 1st Week | Registration of Project Groups (Max 4 Students per group) |
| 2nd Week | Submission of Project Topic |
| 3rd Week | Reporting to Respective Project Guide |
| 4th Week | Feasibility discussion with Guide |
|  |  |  |
| Aug | 1st Week | Submission of Synopsis |
| 2nd Week | Literature Survey |
| 3rd Week | Literature Survey |
| 4th Week | SRS Preparation |
|  |  |  |
| Sept | 1st Week | Design of Project-Low level, High Level (Module Identification) |
| 2nd Week | Design of Data Structure, Database tables & Algorithms |
| 3rd Week | Preparation of Preliminary Report (Sem-I) |
| 4th Week | First Presentation on Project |
|  |  |  |
| Oct | 1st Week | Submission-Prelim Report of the Project |
|  |  |  |
| Nov | 3rd Week | University Exam on Preliminary Report |

**Project Plan**

SEMESTER-II

|  |  |  |
| --- | --- | --- |
| **Month** | **Schedule** | **Project task** |
| Jan | 1st Week | Selection of Technology and Tools, Installations |
| 2nd Week | UML implementations |
| 3rd Week | Project Modules Implementation |
| 4th Week |
|  |  |  |
| Feb | 1st Week | First demonstration on project work expected (60%) of total work |
| 2nd Week | Implementation of Rest of the Modules |
| 3rd Week |
| 4th Week |
|  |  |  |
| March | 1st Week | Project Testing & Designing |
| 2nd Week | Project Demonstration to Guide |
| 3rd Week | Results, performance discussions using data tables per parameter considered for the improvement with existing/known algorithms/systems and comparative analysis and validation of results and conclusions. |
| 4th Week | Preparation of Project Report (Sem-II) |
|  |  |  |
| April | 1st Week | Submission of Report (Final Submission) |
|  |  |  |
| May | 2nd Week | Final University Examination |

**Project Synopsis**

**Monthly Planning Sheet**

**Month:** July 2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** August 2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** September 2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** October 2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** November 2023

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** January 2024

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** February 2024

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** March 2024

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** April 2024

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

**Monthly Planning Sheet**

**Month:** May 2024

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Week No.** | **Activity Planned** | **Activity Completed** | **Signature of Student** | **Signature of Int. / Ext. Guide.** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |

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**Project work evaluation sheet No. 1**

Date:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the student | Students Signature | Work undertaken # | Level of the project # | Usefulness # | Suggestions by the committee members # |
| 1 |  |  |  |  |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
|  |  |  |

**# - To be filled by guide / committee members only.**

**\* - Whether the presentation / evaluation as per the schedule. : YES / NO (If NO mention the reasons for the same.)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name & Signature of evaluation committee -**

**1. Prof. 02.Prof. 3. Prof. 4. Prof.**

**Signature of Guide H.O.D.**

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**Project work evaluation sheet No. 2**

Date:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the student | Students Signature | Work undertaken # | Level of the project # | Usefulness # | Suggestions by the committee members # |
| 1 |  |  |  |  |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**# - To be filled by guide / committee members only.**

**\* - Whether the presentation / evaluation as per the schedule. : YES / NO (If NO mention the reasons for the same.)**

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**Name & Signature of evaluation committee -**

**1. Prof. 02.Prof. 3. Prof. 4. Prof.**

**Signature of Guide H.O.D.**

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**Project work evaluation sheet No. 3**

Date:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the student | Students Signature | Work undertaken # | Level of the project # | Usefulness # | Suggestions by the committee members # |
| 1 |  |  |  |  |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**# - To be filled by guide / committee members only.**

**\* - Whether the presentation / evaluation as per the schedule. : YES / NO (If NO mention the reasons for the same.)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name & Signature of evaluation committee -**

**1. Prof. 02.Prof. 3. Prof. 4. Prof.**

**Signature of Guide H.O.D.**

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**Project work evaluation sheet No. 4**

Date:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr. No. | Name of the student | Students Signature | Work undertaken # | Level of the project # | Usefulness # | Suggestions by the committee members # |
| 1 |  |  |  |  |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**# - To be filled by guide / committee members only.**

**\* - Whether the presentation / evaluation as per the schedule. : YES / NO (If NO mention the reasons for the same.)**

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**Name & Signature of evaluation committee -**

**1. Prof. 02.Prof. 3. Prof. 4. Prof.**

**Signature of Guide H.O.D.**

**Paper Publications**

Paper publication / Presentation

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Name of the organizing society | Date | Certificate / Prizes win (if any) |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**\* Photocopy of the certificate must be attached to this booklet.**

**Reference Papers**

[1] Zhang, S.; Huang, K.; Yuan, Y. Spare Parts Inventory Management: A Literature Review. Sustainability(2021)

[2] Z hao, Q.; Chang, R.; Ma, J.; Wu, C. System dynamics simulation-based model for coordination of a three-level spare parts supply

chain. Int. Trans. Oper. Res(2020)

[3] Togwe, T.; Eveleigh, T.J.; Tanju, B. An additive manufacturing spare parts inventory model for an aviation use case. Eng. Manag. J.(2019)

[4] Kennedy, W.J.; Patterson, J.W.; Fredendall, L.D. An overview of recent literature on spare parts inventories. Int. J. Prod. Econ.(2019)

[5] Chen, H.; Chiang, R.H.L.; Storey, V.C. Business intelligence and analytics: From big data to big impact. MIS Q (2019)

[6] Van der Auweraer, S.; Boute, R. Forecasting spare part demand using service maintenance information. Int. J. Prod. Econ. (2019)

[7] Frandsen, C.S.; Nielsen, M.M.; Chaudhuri, A.; Jayaram, J.; Govindan, K. In search for classification and selection of spare parts suitable for additive manufacturing: A literature review. Int. J. Prod. Res. (2020)

[8] Den Boer, J.; Lambrechts, W.; Krikke, H. Additive manufacturing in military and humanitarian missions: Advantages and challenges in the spare parts supply chain. J. Clean. Prod (2020)

[9] Van Wingerden, E.; Tan, T.; Van Houtum, G.J. The impact of an emergency warehouse in a two-echelon spare parts network. (2019) **Lab Assignments**

**Mathematical Model**