# JAI NARAIN COLLEGE OF TECHNOLOGY, BHOPAL
### Affiliated with the Rajiv Gandhi Technical University, Bhopal
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SESSION: Jul-Dec [  ] / Jan-Jun [  ] 2025-2026

MINOR [  ] / MAJOR [  ] - PROJECT-I [  ] / II [  ]

## INITIATION FORM

**GROUP:**

**TITLE OF PROJECT:** Clear Vision - ML Model

| GROUP LEADER: Shivani Lodhi | PROJECT GUIDE: |
|---|---|
| Member 1: Amrita Pal | Member 2: Anju Dhakar |
| Member 3: Nisha Mewada | Member 4: |

### WHICH PARAMETERS PROJECT IS BASED ON ( Mark Tick)

| | | |
|---|---|---|
| 1 | Current Trends and Recent Advancement | |
| 2 | Society Needs and Solution to the Current Problem | ✓ |
| 3 | Improvement Over Any Existing Service | ✓ |
| 4 | New Idea or Innovation | ✓ |
| 5 | Product Development | |
| 6 | Research | ✓ |

### PROJECT CLASSIFICATION CONSIDERING FACTORS ( Mark Tick)

| CLASSIFICATION | | FACTORS | |
|---|---|---|---|
| Application | ✓ | ✓ Environment | |
| Product | | Safety | ✓ |
| Research | ✓ | Ethics | |
| Review | ✓ | Cost/Standard | |

### DESCRIPTION OF PROJECT

An Accersible ML Model that recognize objects and narrates them in real-time for visually impaired users.

### SIGNATURE OF GROUP MEMBERS

| | NAME | ENROLLMENT | SIGNATURE |
|---|---|---|---|
| 1 | Shivani Lodhi | 0131CL231089 | Shivani |
| 2 | Amrita Pal | 0131CL251017 | Amrit |
| 3 | Anju Dhakar | 0131CL231021 | Anju |
| 4 | Nisha Mewada | 0131CL231060 | Nisha |

### PROJECT APPROVAL

| GUIDE RECOMMENDATION FOR APPROVAL | HOD APPROVAL |
|---|---|
| @patel | |

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## EVALUATION SHEET

**PROJECT GUIDE:**

| Project Steps | Project Task | Deliverable Marks | Evaluation Criteria | MM | ObM | FSign |
|---|---|---|---|---|---|---|
| Project Initiation | Topic Selection & Approval | Topic Selection & Approval | Relevance, feasibility, alignment with guidelines | 5 | 05 | @patel 18/3/25 |
| Project Planning | Project Planning | Project Proposal, WBS, Preliminary Gantt Chart | Clarity of objectives, comprehensiveness of WBS, realism of timeline | 5 | 05 | @patel 18/9/25 |
| Requirements Analysis | Requirements Gathering | SRS | Completeness, clarity, traceability, consistency | 5 | 04 | @patel 2/10/25 |
| System Design | System Design | SDD | Adherence to requirements, efficiency, maintainability, usability | 5 | 05 | @patel 13/10/25 |
| Development | System Development | Source Code, Unit Test Reports | Code quality, adherence to design, test coverage | 10 | 09 | @patel 05/11/25 |
| Testing and Integration | System Testing | Test Reports, Bug Tracking Reports | Test case effectiveness, bug resolution, system performance | 5 | 5 | @patel 05/11/25 |
| Deployment | Deployment and Documentation | Deployed System, User Manuals | Successful deployment, user-friendliness of manuals | 5 | 04 | @patel 07/11/25 |
| Presentation and Demonstration | Final Presentation | Presentation Slides, Demonstration Script | Content clarity, delivery, Q&A handling, system demonstration | 5 | 04 | @patel 07/11/25 |
| Project Closure | Project Report | Final Project Report | Comprehensiveness, structure, analysis, conclusions, recommendations | 5 | 05 | @patel 12/1/25 |
| **Total** | | | | | | |

| Guide Name: Prof. Usha Patel | Coordinator Name: | HoD Name: |
|---|---|---|
| Guide Sign: @patel 02/12/25 | Coordinator Sign: | HoD Sign: |

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# MANAGEMENT AND DELIVERY TIMELINE

| Stage | Task | Description (Activities involved) | Deliverables | Timeline (Start Week - End Week) | Student Signature | Supervisor Signature |
|---|---|---|---|---|---|---|
| Project Initiation | Topic Selection & Approval | Research potential project areas - Finalize project topic in consultation with supervisor - Get approval from department | Topic Selection & Approval | August (Week 1) | Shivani | Opate 18/9/2 |
| | Project Planning | Define project scope, objectives, and deliverables - Develop a Work Breakdown Structure (WBS) - Create a preliminary project schedule | Project proposal document - WBS - Preliminary Gantt chart - | August (Week 2 ) | Shivani | Opate 18/9/25 |
| System Developme nt Life Cycle (SDLC) | Requirement Analysis | Gather and document system requirements (functional and non-functional) - Identify stakeholders and their needs | System Requirements Specification (SRS) document | August (Week 3 ) | Anju | Opate 9/10/2 |
| | Design | Design system architecture, user interface (UI) mockups, and database schema | System Design Document (SDD) | August (Week 4 ) | Anju | Opate 13/10 |
| | Development | Develop and implement the system based on design documents - Conduct unit testing | Source code - Unit test reports | September (Week1- Week3) | Amrita | Opate 03/11/25 |
| | Testing & Integration | Conduct system testing (integration, system, and acceptance testing) - Fix bugs and defects | Test reports - Bug tracking reports | September (Week4) | Amrita | Opate 3/11/2 |
| Project Completion | Deployment & Documentati on | Deploy the project (if applicable) - Prepare user manuals and other documentation | Deployed system (if applicable) - User manuals | October (Week1- Week2) | Nisha | Opate 07/11 |
| | Project Presentation & Demonstration | Prepare and present the project to a review committee - Demonstrate the system functionality | Presentation slides - Demonstration script | October (Week3- Week4) | Nisha | Opate 07/ |
| | Project Report Submission | Prepare a final project report documenting the entire project lifecycle | Final project report | November (Week1- Week2) | Shivani | Opate 12/1 |

**Submission Guidelines**

1. Ensure all deliverables are completed and submitted by the end of each respective week.
2. Keep regular communication with your supervisor for feedback and approvals.
3. Follow the specified formats and deadlines to avoid delays in project evaluation Bion.

*For any questions or clarifications, contact your supervisor or project coordinator promptly.*