**University of Sargodha**

**Main Campus**



Final Year Project

[ Sketch To Interface (S2I) ]

Submitted to

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PROJECT IMPLEMENTATION PLAN

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sr. | Milestone Detail | Outcome | Project % | Roll # | Member’s Contribution | Learning Outcome | Viva |
| 1 | **Project Structure** | Mock Interface/Screens | 1% | BSCS-F16-LC-030 | 40% | Adobe XD |  |
| BSCS-F16-LC-001 | 60% |  |
| BSCS-F16-LC-021 | 0% |  |
| 2 | **Interface Design** | Design Interface and Complete Working of Front page | 4% | BSCS-F16-LC-030 | 30% | HTML, CSS |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 40% |  |
| 3 | **Responsive** | All Pages working properly | 5% | BSCS-F16-LC-030 | 30% | Bootstrap, JS |  |
| BSCS-F16-LC-001 | 35% |  |
| BSCS-F16-LC-021 | 35% |  |
| 4 | **Build Web Application** | Manage and Build Complete Web Application | 7% | BSCS-F16-LC-030 | 35% | Flask |  |
| BSCS-F16-LC-001 | 35% |  |
| BSCS-F16-LC-021 | 30% |  |
| 5 | **Upload Image** | Upload Image from Gallery | 5% | BSCS-F16-LC-030 | 40% | Flask |  |
| BSCS-F16-LC-001 | 20% |  |
| BSCS-F16-LC-021 | 40% |  |
| 6 | **Camera Functionality** | Access Camera | 4% | BSCS-F16-LC-030 | 40% | Python Libraries |  |
| BSCS-F16-LC-001 | 20% |  |
| BSCS-F16-LC-021 | 40% |  |
| 7 | **Customize Picture** | After Taking Picture resize/retake function | 6% | BSCS-F16-LC-030 | 20% | Python Libraries |  |
| BSCS-F16-LC-001 | 40% |  |
| BSCS-F16-LC-021 | 40% |  |
| 8 | **Database Creation** | When picture is finalize, Store it at hardware | 10% | BSCS-F16-LC-030 | 50% | Python, MySQL |  |
| BSCS-F16-LC-001 | 25% |  |
| BSCS-F16-LC-021 | 25% |  |
| 9 | **Integration of Algorithm** | Algorithm to Detect Image | 10% | BSCS-F16-LC-030 | 35% | Implementation Algorithm |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 35% |  |
| 10 | **Object Detection** | A boundary box of Image | 6% | BSCS-F16-LC-030 | 30% | Python Library |  |
| BSCS-F16-LC-001 | 35% |  |
| BSCS-F16-LC-021 | 35% |  |
| 11 | **Integration of Algorithm** | Algorithm to Process Image | 10% | BSCS-F16-LC-030 | 35% | Implementation Algorithm |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 35% |  |
| 12 | **Object Recognition** | Recognition of Words and Symbols | 6% | BSCS-F16-LC-030 | 30% | Python Library |  |
| BSCS-F16-LC-001 | 35% |  |
| BSCS-F16-LC-021 | 35% |  |
| 13 | **Integration of Algorithm** | Algorithm (Convert Image to Code) | 10% | BSCS-F16-LC-030 | 35% | Implementation Algorithm |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 35% |  |
| 14 | **Conversion** | Convert Image to Code | 6% | BSCS-F16-LC-030 | 30% | Python API |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 40% |  |
| 15 | **Text Editor** | Edit Source code | 5% | BSCS-F16-LC-030 | 40% | Editor |  |
| BSCS-F16-LC-001 | 40% |  |
| BSCS-F16-LC-021 | 20% |  |
| 16 | **Finalize Project** | The Last Setup | 5% | BSCS-F16-LC-030 | 35% | Integration Management |  |
| BSCS-F16-LC-001 | 30% |  |
| BSCS-F16-LC-021 | 35% |  |