Republic of the Philippines
DAVAO ORIENTAL STATE UNIVERSITY
Guang-guang, Dahican, City of Mati, Davao Oriental
Faculty of Computing, Data Sciences, Engineering and Technology
Information Technology Program

ITC 130 – Applications Development in Emerging Technologies

# PROJECT X: Automated Attendance Tracking System: Project Plan

**PRESENTED BY:**

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Republic of the Philippines
**DAVAO ORIENTAL STATE UNIVERSITY**
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# Project Plan

**PROJECT X - AUTOMATED ATTENDANCE SYSTEM**

| Deadline: May 5, 2025 | | Days Left: 0 Days | | Task Done: 32/32 |
| --- | --- | --- | --- | --- |
| Plan Start Date - March 1, 2025 | Plan End Date - May 13, 2025 | Actual Start Date - March 21, 2025 | Actual End Date - May 2, 2025 | |

| Task ID | Task Name | Sub Task ID | Sub Task Name | Deliverables | Assignee | ated Hours | Plan Start Date | Actual Start Date | Plan End Date | Actual End Date | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Project Initiation | 1.1 | Define project objectives | Project scope document | Wenon… | 1 | 3/21/2025 | 3/21/2025 | 3/21/2025 | 3/21/2025 | Done |
| | | 1.2 | Identify stakeholders | Stakeholder list | Neil Ro… | 1 | 3/22/2025 | 3/22/2025 | 3/22/2025 | 3/22/2025 | Done |
| | | 1.3 | Conduct feasibility study | Feasibility report | Shama… | 1 | 3/23/2025 | 3/23/2025 | 3/23/2025 | 3/23/2025 | Done |
| | | 1.4 | Create project plan | Project plan document | Wenon… | 1 | 3/24/2025 | 3/24/2025 | 3/24/2025 | 3/24/2025 | Done |
| | | 1.5 | Obtain approvals | Approved project charter | Neil Ro… | 1 | 3/25/2025 | 3/25/2025 | 3/25/2025 | 3/25/2025 | Done |
| 2 | Requirement Analysis | 2.1 | Gather functional requirements | Requirement specification document | Hello | 1 | 3/26/2025 | 3/26/2025 | 3/26/2025 | 3/26/2025 | Done |
| | | 2.2 | Gather non-functional requirements | Performance & security requirements | Shama… | 1 | 3/27/2025 | 3/27/2025 | 3/27/2025 | 3/27/2025 | Done |
| | | 2.3 | Define system architecture | System architecture diagram | Wenon… | 2 | 3/28/2025 | 3/28/2025 | 3/28/2025 | 3/28/2025 | Done |
| | | 2.4 | Create wireframes/mockups | UI wireframes | Shama… | 2 | 3/30/2025 | 3/30/2025 | 3/30/2025 | 3/30/2025 | Done |
| 3 | Design Phase | 3.1 | Database design | ERD and database schema | Neil Ro… | 3 | 4/1/2025 | 4/1/2025 | 4/1/2025 | 4/2/2025 | Done |
| | | 3.2 | API design | API documentation | Hello | 2 | 4/4/2025 | 4/4/2025 | 4/4/2025 | 4/6/2025 | Done |
| | | 3.3 | UI/UX design | Final UI/UX designs | Neil Ro… | 2 | 4/6/2025 | 4/6/2025 | 4/6/2025 | 4/11/2025 | Done |
| | | 3.4 | Security design | Security measures document | Hello | 4 | 4/8/2025 | 4/8/2025 | 4/8/2025 | 4/14/2025 | Done |
| 4 | Development Phase | 4.1 | Set up development environment | Configured development tools | Neil Ro… | 1 | 4/12/2025 | 4/12/2025 | 4/12/2025 | 4/17/2025 | Done |
| | | 4.2 | Frontend development (React Native) | Initial UI screens | Neil Ro… | 3 | 4/13/2025 | 4/13/2025 | 4/13/2025 | 4/20/2025 | Done |
| | | 4.3 | Backend development | Working backend APIs | Neil Ro… | 5 | 4/16/2025 | 4/16/2025 | 4/16/2025 | 4/23/2025 | Done |
| | | 4.4 | QR Code scanning implementation | Functional QR scanner module | Hello | 2 | 4/21/2025 | 4/21/2025 | 4/21/2025 | 4/26/2025 | Done |
| | | 4.5 | GPS validation implementation | Functional GPS validation | Hello | 3 | 4/23/2025 | 4/23/2025 | 4/23/2025 | 4/29/2025 | Done |
| | | 4.6 | Secure storage implementation | Encrypted storage module | Hello | 2 | 4/26/2025 | 4/26/2025 | 4/26/2025 | 5/2/2025 | Done |
| | | 4.7 | Testing unit integration | Test reports | Hello | 1 | 4/28/2025 | 4/28/2025 | 4/28/2025 | 5/5/2025 | Done |
| 5 | Testing & QA | 5.1 | Functional testing | Test case reports | Hello | 1 | 4/29/2025 | 4/29/2025 | 4/29/2025 | 5/7/2025 | Done |
| | | 5.2 | Security testing | Security vulnerability report | Hello | 1 | 4/30/2025 | 4/30/2025 | 4/30/2025 | 5/9/2025 | Done |
| | | 5.3 | User acceptance testing | User feedback & approval | Hello | 1 | 5/1/2025 | 5/1/2025 | 5/1/2025 | 5/12/2025 | Done |
| 6 | Deployment | 6.1 | Prepare deployment environment | Deployment guide | Hello | 1 | 5/2/2025 | 5/2/2025 | 5/2/2025 | 5/15/2025 | Done |
| | | 6.2 | Deploy backend API | Hosted backend | Hello | 2 | 5/3/2025 | 5/3/2025 | 5/3/2025 | 5/16/2025 | Done |
| | | 6.3 | Deploy mobile app (beta) | Beta version released | Hello | 1 | 5/5/2025 | 5/5/2025 | 5/5/2025 | 5/17/2025 | Done |
| | | 6.4 | Fix deployment issues | Issue resolution report | Hello | 3 | 5/6/2025 | 5/6/2025 | 5/6/2025 | 5/18/2025 | Done |
| | | 6.5 | Release final version | Live mobile app | Hello | 1 | 5/9/2025 | 5/9/2025 | 5/9/2025 | 5/19/2025 | Done |
| 7 | Final Demonstration | 7.1 | Prepare presentation materials | Presentation slides | Hello | 1 | 5/10/2025 | 5/10/2025 | 5/10/2025 | 5/20/2025 | Done |
| | | 7.2 | Conduct demo for stakeholders | Live demonstration | Hello | 1 | 5/11/2025 | 5/11/2025 | 5/11/2025 | 5/21/2025 | Done |
| | | 7.3 | Gather final feedback | Feedback report | Hello | 1 | 5/12/2025 | 5/12/2025 | 5/12/2025 | 5/22/2025 | Done |
| | | 7.4 | Project closure & documentation | Final project report | Hello | 1 | 5/13/2025 | 5/13/2025 | 5/13/2025 | 5/23/2025 | Done |

**LINK:** https://docs.google.com/spreadsheets/d/1zGzMMXct7iXR2Hl-LuByJCMRJI764TVWEX56U-hjwGU/edit?gid=0#gid=0