# Work Breakdown Structure (WBS)

## Author:

## Date:

### Project Name:

# **GANTT Chart**

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| --- | --- | --- | --- |
| **Task Name** | **Duration** | **Start** | **Finish** |
| **Pre-Project Initiation** | **7 days** | **Fri 1/03/24** | **Tue 12/03/24** |
| **Team Forming** | **7 days** | **Fri 1/03/24** | **Tue 12/03/24** |
| Kick-off Meeting | 1 day | Fri 1/03/24 | Mon 4/03/24 |
| Create Team Contract | 4 days | Fri 1/03/24 | Thu 7/03/24 |
| Create Team Availability Sheet | 5 days | Fri 1/03/24 | Fri 8/03/24 |
| Start Skill Analysis | 6 days | Fri 1/03/24 | Mon 11/03/24 |
| Assign team roles | 7 days | Fri 1/03/24 | Tue 12/03/24 |
| **Project Initiating** | **10 days** | **Fri 1/03/24** | **Fri 15/03/24** |
| First Mentor Meeting | 1 day | Fri 1/03/24 | Mon 4/03/24 |
| Update team availability sheet | 1 day | Fri 1/03/24 | Mon 4/03/24 |
| Create Project Charter | 2 days | Mon 4/03/24 | Wed 6/03/24 |
| **Set up first meeting with Client** | **6 days** | **Wed 6/03/24** | **Thu 14/03/24** |
| Research and Prepare for client meeting | 5 days | Wed 6/03/24 | Wed 13/03/24 |
| Create meeting agenda | 1 day | Wed 13/03/24 | Thu 14/03/24 |
| First Client Meeting | 1 day | Thu 14/03/24 | Fri 15/03/24 |
| Understand the project brief and research solutions | 5 days | Fri 1/03/24 | Fri 8/03/24 |
| **Project Planning** | **24.41 days** | **Fri 1/03/24** | **Fri 5/04/24** |
| Prepare Project Proposal and assign proposal tasks | 1 day | Fri 1/03/24 | Mon 4/03/24 |
| Create Terms of reference and Rationale of project | 1 day | Fri 1/03/24 | Mon 4/03/24 |
| **Detailed project objective and scope** | **1 day** | **Fri 15/03/24** | **Mon 18/03/24** |
| Define project objective and success criteria | 1 day | Fri 15/03/24 | Mon 18/03/24 |
| Identify functional requirement and non-functional requirements | 1 day | Fri 15/03/24 | Mon 18/03/24 |
| Identify technical infrastructure and skill requirement | 1 day | Fri 15/03/24 | Mon 18/03/24 |
| Skill analysis is created | 1 day | Fri 15/03/24 | Mon 18/03/24 |
| Finalise project team roles | 1 day | Fri 15/03/24 | Mon 18/03/24 |
| **Project management methodology** | **2.76 days** | **Mon 18/03/24** | **Wed 20/03/24** |
| Identify the best suited project management methodology for the project | 1 day | Mon 18/03/24 | Tue 19/03/24 |
| Create a Work breakdown Structure (WBS) | 1 day | Mon 18/03/24 | Tue 19/03/24 |
| Create a Quality Assurance Plan (QA) | 1 day | Tue 19/03/24 | Wed 20/03/24 |
| **Stakeholder Identification** | **2.88 days** | **Thu 21/03/24** | **Tue 26/03/24** |
| Create a Stakeholder Register | 1 day | Thu 21/03/24 | Fri 22/03/24 |
| Create a Stakeholder management Strategy | 1 day | Mon 25/03/24 | Tue 26/03/24 |
| **Risk and issues management Plan** | **2.76 days** | **Wed 27/03/24** | **Fri 29/03/24** |
| Create a Risk Register | 2 days | Wed 27/03/24 | Fri 29/03/24 |
| Create a issue log | 2 days | Wed 27/03/24 | Fri 29/03/24 |
| **Project Plan** | **3 days** | **Mon 1/04/24** | **Thu 4/04/24** |
| Create a Gant Diagram | 3 days | Mon 1/04/24 | Thu 4/04/24 |
| Project Costs Estimate | 1 day | Wed 3/04/24 | Thu 4/04/24 |
| Finalise project proposal | 1 day | Thu 4/04/24 | Fri 5/04/24 |
| Prepare Project Proposal Presentation | 4 days | Fri 1/03/24 | Thu 7/03/24 |
| **Project Execution** | **133 days** | **Mon 8/04/24** | **Tue 22/10/24** |
| **Setup Developer Environment** | **9.71 days** | **Mon 8/04/24** | **Mon 22/04/24** |
| Understand use of Docker | 5 days | Mon 8/04/24 | Mon 15/04/24 |
| Understand use of SDR toolsets | 5 days | Mon 15/04/24 | Mon 22/04/24 |
| **Setup Hardware Physical Environment** | **1.94 days** | **Mon 22/04/24** | **Wed 24/04/24** |
| Setup Workstation | 1 day | Mon 22/04/24 | Tue 23/04/24 |
| Setup Ettus Research B205 Mini | 1 day | Tue 23/04/24 | Wed 24/04/24 |
| Configure Device | 88 days | Wed 24/04/24 | Mon 2/09/24 |
| Create Documentation and User Guide | 10 days | Tue 3/09/24 | Tue 17/09/24 |
| Software installation and Setup | 3 days | Tue 17/09/24 | Fri 20/09/24 |
| Begin testing and integration | 15 days | Mon 23/09/24 | Mon 14/10/24 |
| Network Configuration | 5 days | Tue 15/10/24 | Tue 22/10/24 |
| **Project Closure and Handover** | **12.24 days** | **Tue 22/10/24** | **Fri 8/11/24** |
| **Final documentation and reflective reports** | **12.24 days** | **Tue 22/10/24** | **Fri 8/11/24** |
| Prepare final portfolios | 5 days | Tue 22/10/24 | Tue 29/10/24 |
| prepare reflective report | 2 days | Wed 30/10/24 | Fri 1/11/24 |
| Prepare project portfolio poster | 3 days | Mon 4/11/24 | Thu 7/11/24 |
| Conduct project presentation and conduct a closure meeting | 0 days | Fri 8/11/24 | Fri 8/11/24 |
| **Project Handover** | **0 days** | **Fri 8/11/24** | **Fri 8/11/24** |