

# Project Plan

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## Plan for Term 1

Week No.	Actions
Week 1	<ul style="list-style-type: none"><li>• Meeting with Project supervisor and Client to discuss the project</li><li>• Schedule meetings for Term 1 with supervisor and team</li><li>• Set up Trello account - Online Project Management tool, Google Drive and GitLab</li></ul>
Week 2	<ul style="list-style-type: none"><li>• Start research on Power Supply solutions, Wireless Network, RFID readers.</li></ul>
Week 3	<ul style="list-style-type: none"><li>• Create Network Diagram</li><li>• Create Requirements Document</li><li>• Document hardware research</li><li>• Identify Users and Stakeholders</li><li>• Identify user goals and tasks</li></ul>
Week 4	<ul style="list-style-type: none"><li>• Start Risk Analysis</li><li>• Request information that is stored about birds from client to help us understand requirements for database</li></ul>
Week 5	<ul style="list-style-type: none"><li>• Familiarise ourselves with RFID programming related constraints</li><li>• Request dummy data from client</li></ul>
Week 6 Project Week	<ul style="list-style-type: none"><li>• Create User stories</li></ul>
Week 7	<ul style="list-style-type: none"><li>• Create Use cases</li><li>• Start prototyping user interface</li></ul>
Week 8	<ul style="list-style-type: none"><li>• Start working on Database design based on dummy data from client</li></ul>
Week 9	<ul style="list-style-type: none"><li>• Discuss and decide UI functions based on requirements from client</li><li>• Request information from client regarding daily activities</li></ul>
Week 10	<ul style="list-style-type: none"><li>• Plan development tasks</li></ul>
Week 11	<ul style="list-style-type: none"><li>• UI prototype - Live view layout and functionality</li><li>• Design form for new bird adding</li></ul>
Week 12	<ul style="list-style-type: none"><li>• Set up Visual Studio code and Sails js</li><li>• Create project structure/templates in Visual Studio code</li></ul>

## Plan for Term 2

Week 13	<ul style="list-style-type: none"> <li>•</li> </ul>
Week 14	<ul style="list-style-type: none"> <li>• Sketch poster ideas</li> <li>• Document interaction with the client</li> <li>• Create controller that links model and the view to show all bird data (with and without filters)</li> <li>• Start organizing corpus file</li> </ul>
Week 15	<ul style="list-style-type: none"> <li>• Update use cases based on new system functionality</li> <li>• CSV parsing for RFID imports &amp; Manage Rings page development</li> <li>• Update requirements documentation - possibly add check list of things that need to be done</li> <li>• Meet client to discuss UI prototype</li> </ul>
Week 16	<ul style="list-style-type: none"> <li>• Start working on Live View implementation</li> <li>• Single Bird View</li> <li>• Bird Table View</li> </ul>
Week 17	<ul style="list-style-type: none"> <li>• Finalize poster</li> <li>• Start writing Technical report structure</li> <li>• Work on Drop Down menu to match UI prototype</li> <li>• Start working on report export functionality</li> <li>• Start working on implementing filters</li> <li>• Create function that lets users know that more visits have been added to the live view and advise to refresh the page.</li> </ul>
Week 18	<ul style="list-style-type: none"> <li>• Meet client to show &amp; test existing system</li> <li>• Work on Manage Users screen</li> <li>• Work on User Activity Monitor</li> <li>• Work on CSS file to match layout with UI prototype</li> <li>• Write Project Abstract</li> <li>• Work on Edit and Create bird page</li> <li>• Create function that only allows one person to edit document at the time</li> </ul>
Week 19	<ul style="list-style-type: none"> <li>• Work on UI improvements</li> <li>• RFID service</li> <li>• Create "Edit my Account" page</li> <li>• Create new privilege 'superadmin'</li> <li>• Create refresh button on Live View page and pop up message when new</li> </ul>

	visits occur
Week 20	<ul style="list-style-type: none"> <li>• Complete Export functionality</li> <li>• Complete page with filters for Birds table</li> <li>• Complete privilege functionality (POLP)</li> <li>• Work on Technical report and Corpus files</li> <li>• Plan for Poster Fair</li> <li>•</li> </ul>
Week 21	<ul style="list-style-type: none"> <li>• Finish all details of UI</li> <li>• Poster Fair</li> </ul>
Week 22	<ul style="list-style-type: none"> <li>• Work on Corpus</li> <li>• Work on Technical Report</li> </ul>