**Appendix G – Log Book**

**Semester 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Week | Date | Items for Discussion | Record of Discussion | Action List |
| 2 | 8/10/09 | - About the project  - Check the proposal | - Read the project handbook  - Save logs of meetings | - Update the proposal on projector  - Start the first chapter and project plan |
| 3 | 15/10/09 | - The project plan  - The Ethics form  - The final proposal | - Convert some of the tasks in the plan, into smaller tasks  - Proposal and ethics form submitted | - Wait for response as proposal is being checked by award leader  - Select the topics of research |
| 5 | 29/11/09 | - First research topic, current racing simulators  - Software methodologies  - Modules assignments | - Make the quotes smaller, less text in quotes, use the referencing guide from the projector website  - Choose a relevant methodology  - Include the assignments into the plan | - Update the Gantt Chart  - Apply the changes discussed to the research document  - Start the next topic of research. |
| 7 | 12/11/09 | - Most relevant platform to use  - Recommended books  - The research topic, write ups | - Best platform that suits the industry is in C++ and DirectX, but XNA can also be used, just need to justify the choices  - XNA Unleashed and Luna DirectX book  - Keep the research topic brief, more about what can be used, rather than what the topic is. | - Begin the finishing write up for the platforms and methodology.  - Finish the first chapter  - Get the research on vehicle dynamics completed |
| 9 | 26/11/09 | - Delaying the research  - The write up  - The other modules | - Delays due to the other modules assignments, keep working on modules but to also plan time to work on research  - Try not to write about what the formulas are but to compare them to other formulas  - Break the task of the research on vehicle dynamics down, so allocating time will be easier. | - Decide which parts of the vehicle dynamics that the project should implement  - Update the project plan to fit time in for modules and FYP |
| 12 | 17/12/09 | - The research  - The second assessor meeting | - Research the vehicle dynamics as I develop is an option, due to the wide range of data that needs researching, needs more time to complete  - Brief interview with the second assessor will be very simple, jus discuss the topics of the research and ensure documents are completed for the second assessor | - Complete most of the research over Christmas  - Sign up and prepare for GradEx  - Complete all module work, and exams, then arrange the next meeting |

**Semester 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Week | Date | Items for Discussion | Record of Discussion | Action List |
| 1 | 21/01/10 | - The Second assessor meeting  - What still needs working on  - What’s the plan for this semester | - The second assessor gave a fair 12 / 20, due to some delays in the research  - Some research is yet completed, so when is this going to fit into this semester  - Design and analysis needs to be started  - Plan the next 12 weeks | - Complete as much research as possible and start the analysis and design.  - Update the plan for the next 12 weeks |
| 2 | 28/01/10 | - The updated project plan  - The research  - Analysis & Design | - The research is to be completed during the implementation of the application  - Analyses the research and discuss the data gathered and how it can be applied to the project  - Use UML diagrams within the design section, discuss the implementations designs | - Analyse the research, and apply it to the project  - Draw UML designs that represent the implementation of the artefact  - Complete the research as the development progresses |
| 3 | 4/02/10 | - The Completed analysis  - UML designs  - The implementation | - Check that the details mentioned are relevant to the research  - Draw some UML diagrams, but not expecting all types of diagrams  - Begin the implementation, start writing the code | - Complete the design, and then begin the implementation  - Update the Gantt Chart |
| 4 | 11/02/10 | - Module assignment  - The input device  - The methodology | - Try and work out time for the module work  - Using DirectInput can help work out a way to read input devices  - Follow the methodology processes, but do the design even if the methodology states not to | - Continue with the implementation  - Complete the full design |
| 11 | 15/04/10 | - Implementation  - Testing  - Write Up | - Ensure the tests and implementation are relevant to the methodology  - complete the write up soon, for checks | - Finish off the implementation,  - Write up for checks |
| 12 | 22/04/10 | - Implementation Complete  - Write up | - Minor write up left to do, complete it so, for reviews and checks  - Ensure the application is fully tested, and is stated in your test plan | - Complete the write up  - Test the application |