Document Author(s): Georgina Perera, Tomasz Mackow **Group Meeting** 30.09.2016 13.00pm Library study hub Meeting called by Group Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Group attendees Discussing our approach to the project, creating a plan of how we will work together as group to Discussions develop our project. **Group Meeting** 05.10.2016 11.00am Library study hub Meeting called by Group Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Figuring out a focus for what we will create. Brainstorming ideas and discussing individual roles. Discussions After brainstorming we narrowed ideas down to 1 final idea which we will now take through and plan in future meetings. 10.10.2016 12.00pm Peter Kenny's office Meeting called by Peter Kenny Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Trying to figure out what is expected of us as a group. Discussing the best practices to follow when Discussions developing our ideas. Presenting the idea we have and getting feedback of how to adapt this concept to the description given of our chosen topic. **Group Meeting** 11.10.2016 12.00pm Library study hub Meeting called by Group Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Discussing what our individual research came back with. Looking at possible textbooks that can be Discussions used, websites and looking at youtube videos of examples to follow **Group Meeting** 13.00pm 12.10.2016 Library study hub Meeting called by Group Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Group attendees Again after more research we discussed the possible features we could include, the ways in which Discussions we could build our project and the correct processes to follow. Supervisor Meetings 17.10.2016 12.00pm Peter Kenny's office Meeting called by Peter Kenny Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Presenting our research and checking that we are on the right track. Guidance on how to develop Discussions our idea further, into something more achievable/interesting. **Group Meeting** 19.10.2016 13.00pm Library study hub Meeting called by Group Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Discussions Discussion of specification document **Group Meeting** 20.10.2016 14.00pm Library study hub Meeting called by Group Group attendees Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland Discussions Writing up a first draft for the specification document

Supervisor Meeting	gs			
24.10.2016		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	More documentation needs to be created in order to show project progression. Should now make the use case and class diagram.			
Group Meeting				
27.10.2016		14.00pm	Library study hub	
Meeting called by	Group			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Creating the use case and class diagram, delegating tasks			
Supervisor Meeting	gs			
31.10.2016		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Presenting use o	ase and class diagrams as well as system re	equirements to get feedback	
Group Meeting				
31.10.2016		13.00pm	Library study hub	
Meeting called by	Group			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Discussion about delegating tasks amongst the team			
Supervisor Meeting	gs			
17.10.2016		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Given the go ahead to begin working with Unity and how to approach getting familiar with the Unity system			
Group Meeting				
04.11.2016		11.00am	Library study hub	
Meeting called by	Group			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Setting up the Unity repo on everyone's PCs and looking through the Unity API. Setting up github/sourcetree.			
Group Meeting				
07.11.2016		11.00am	Library study hub	
Meeting called by	Group	Group		
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Working through Unity tutorials to familiarise ourselves with the software. Making sure everyone is up to date on progress and Unity project is installed and working ok.			
Supervisor Meetings				
07.11.2016		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Discussing plans for what we are going to try to implement for our physics engine			
Group Meeting				
08.11.2016		11.00am	Library study hub	

Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussing our approach for initial implementation of the physics engine				
Group Meeting					
09.11.2016		16.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Implementing the initial components for the physics engine				
Group Meeting					
10.11.2016		14.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Attempt at impl	Attempt at implementing collisions			
Group Meeting					
16.11.2016		13.00pm	Library study hub		
Meeting called by	Group	Group			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Review meeting to ensure everyone is on track with learning unity and on track for the first milestone				
Group Meeting					
21.11.2016		17.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Decision into whether we should stop working on the physics engine and start developing the shock waves instead				
Group Meeting					
01.12.2016		13.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussion about collisions not working as expected				
Group Meeting					
07.12.2016		11.00am	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Decision made	Decision made to Write up last few weeks as experiment report			
Supervisor Meeting	gs				
12.12.2016		12.00pm	Peter Kenny's office		
Meeting called by	Peter Kenny				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Peter Kenny informed us about particle hydrodynamics. Discussed plans for documentation and development for over Christmas and next term.				
Group Meeting					
14.12.2016		12.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera	ı, Robert McDonnell, Michael Jones, Tomasz	z Mackow, Liam Ireland		

Supervisor Meeting	gs			
19.12.2016		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Discussion about our development plans over the Christmas holidays			
Supervisor Meeting	gs			
27.01.2017		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera	a, Robert McDonnell, Michael Jones, Tomasz	Mackow, Liam Ireland	
Discussions	Discussion abou	Discussion about what we aim to do this term including plans for documentation		
Supervisor Meeting	gs			
03.02.2017		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Presented our f	irst working demo of the project		
Supervisor Meeting	1			
10.02.2017	<u></u>	12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Liam Ireland			
Discussions	Presented further improvements to the demo including discussing diffraction			
Group Meeting		· ·		
14.02.2017		16.00pm	Library study hub	
Meeting called by	Group	'		
Group attendees	Georgina Perera	a, Robert McDonnell, Michael Jones, Tomasz	Mackow, Liam Ireland	
Discussions	_	Discussion about planning our upcoming time before deadlines		
Supervisor Meeting	1			
17.02.2017	<u> </u>	12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny	,	,	
Group attendees	-	Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland		
Discussions	Discussion about what to include in the abstract and poster			
Group Meeting				
24.02.2017		12.00pm	Library study hub	
Meeting called by	Group	,		
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Making the decision on v2 or v3 after work has been done on both to see which could be extended further in the time we have and also more efficiently to meet our project objectives.			
Supervisor Meetings				
03.03.2017		12.00pm	Peter Kenny's office	
Meeting called by	Peter Kenny			
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland			
Discussions	Decision made to proceed with V3 from this point on. Other than that, very little progress made on backend. Front end moving closer to the real representation.			
Group Meeting				
09.03.2017		14.00pm	Library study hub	
Meeting called by	Group			

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Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Review meeting to plan the next few weeks. Who will work on development and who will work on which documentation so that everything is organised as we come to our last few weeks on the project.				
Supervisor Meeting	gs				
10.03.2017		12.00pm	Peter Kenny's office		
Meeting called by	Peter Kenny				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Presenting significant improvements to our system as mentioned in the previous week of what we would like to achieve. Presenting a near finished version of the GUI and also the shock wave with only minor bugs to be fixed. Good feedback.				
Group Meeting					
16.03.2017		11.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussion about major changes in the backend so everyone is up to date				
Supervisor Meeting	gs				
16.03.2017		12.00pm	Peter Kenny's office		
Meeting called by	Peter Kenny				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussion about the poster fair. Feedback on where we are at with the development stage of the project. Instructed to have all code complete by 20th(monday) so that there is time to complete the documentation that is left.				
Group Meeting					
17.03.2017		12.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Catch up before	poster fair to decide on our presentation a	pproach		
Group Meeting					
20.03.2017		14.00pm	Library study hub		
Meeting called by	Group				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussion about our approach to the report and delegating documentation tasks to complete our corpus.				
Supervisor Meeting	gs				
24.01.2017		12.00pm	Peter Kenny's office		
Meeting called by	Peter Kenny				
Group attendees	Georgina Perera, Robert McDonnell, Michael Jones, Tomasz Mackow, Liam Ireland				
Discussions	Discussion about the specific content of the report as well as the corpus and the interviews				
Supervisor Meetings					
27.03.2017		12.00pm	Peter Kenny's office		
Meeting called by	Peter Kenny				
Group attendees	Georgina Perera, Robert McDonnell, Tomasz Mackow, Liam Ireland				
Discussions	Feedback on first draft of the report and where it should be improved as well as further details about the individual reports and the viva interviews.				