

**PROJECT PLAN**

Below is a detailed plan of the steps remaining in this project.

<b>Start Date</b>	<b>Duration</b>	<b>Task</b>	<b>Description</b>	<b>Resources</b>
27 <sup>th</sup> January 2014	2 weeks	Proving the solution	Mathematically working through the solution to the Submarine paradox using Lorentz transformations and Special Relativity.	None.
10 <sup>th</sup> February 2014	1 week	Minkowski diagram and Rindler chart	Sketch a tri-axial Minkowski diagram and Rindler chart of the paradox in 2D, using the mathematically derived solution.	Graph plotting software.
17 <sup>th</sup> February 2014	2 weeks	Understand Avizo	Understanding and practicing the uses and applications of 3D programming namely using Avizo Standard.	<a href="#">Avizo Standard</a> & a 3D monitor.
3 <sup>rd</sup> March 2014	1 week	Create 3D Minkowski diagram and Rindler chart	Create a 3D image of the tri-axial Minkowski diagram and Rindler chart.	<a href="#">Avizo Standard</a> & a 3D monitor.
10 <sup>th</sup> March 2014	1 week	Brain-storming animation of the paradox	Plan how the 3D animation of the physical situation of the paradox can be represented to the public and start working on the first version.	<a href="#">Avizo Standard</a> & a 3D monitor.
17 <sup>th</sup> March 2014	2 weeks	Create 3D animation	Create a 3D animation of the physical situation of the paradox, which can be used to make the paradox understandable to the public.	<a href="#">Avizo Standard</a> & a 3D monitor.
31 <sup>st</sup> March 2014	1 week	Write presentation	Make the presentation of this project.	Access to a computer.
7 <sup>th</sup> April 2014	1 week	Presentation week	This week is reserved for giving the final presentation of this project, summing up all results.	Access to SEL Room 231 with working 3D projector.
14 <sup>th</sup> April 2014	3 weeks	Write the final report	Finish all the derivations and visualisations and write the final report.	Access to software and a computer.

If the project, as stated above, is finished ahead of schedule then the project team will look into solving the paradox using General Relativity.