

Project

Interim Progress

- Discussion of Project Brief
- Analysis and Repair of Gimble
- Development of Data Abstraction
- Selection of Hardware
- Rover Construction
- Unreal 4 and Transmission Protocol Research
- Progress Report

Interim Planned Progress

- Development of Transmission Protocol
- Incorporate Gimble with Rover
- Development of Depth Map Generation
- Partial System Construction and Testing
- Development of 3D Map Generation
- Development of Inter-Frame Interpolation
- Full System Testing
- Final Report

Final Progress

- Discussion of Project Brief
- Analysis and Repair of Gimble
- Development of Data Abstraction
- Selection of Hardware
- Rover Construction
- Unreal 4 and Comms Research
- Progress Report
- Compression and Communications
- Development of Image Pipeline
- Incorporate Gimble and Rover Control
- Development of Depth Map Generation
- Partial System Testing and Optimisation
- Development of 3D Map Generation
- Full System Testing
- Final Report

