Computer Science Department

Capstone Project Proposal

**Kerbal Space Program Optimizer**

12/13/2020

Matt Jones

Course Number and Course Title: GPH CSC 520

Project Advisor

Dr. Bo Hatfield

**Contents**

Student Objectives x

Problem Specification x

Solution Processes and/or Design x

Requirement Collection and Analysis x

Identifying Needs of Customers

Identifying Target Specifications

Use Case Diagram/Sequence Diagram/Activity Diagram

Generating Design Concepts x

Descriptions and Diagrams

Detailed Design x

Descriptions and Diagrams

Preliminary ER-Diagram (SQL) x

Or show visual design of hierarchical structures (NoSQL)

Benchmark Specification x

Additional specifications for team project x

Project Management Team Members and Work Distributions

Tool List x

Time Schedule

Grading Scheme for CSC521 x

List of Deliverables x

References (any useful support materials) x