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| A picture of a winding road and trees  Functional Requirements  COS214 | Abstract  Contained within this document are the functional requirements of our COS214 final project.  Cornelius Engelbrecht, Mr  [Course title] |

COS214 Group Project

Participants:

Damian Jordaan (u20473509)

Caleb Groeneveld (u19340631)

Keelan Cross (u19151952)

Fourie Engelbrecht (u18021388)

Zelda Wiese (u18191135)

James Lake (uXXXXXXX)

Francois Viviers (u18055461)

Functional Requirements

1. Each entity needs to be cloneable.
2. Need to be able to iterate through each engine.
3. Need a centralized point of access.
4. Monitorable Components.
5. Modular construction of rockets (entities).
6. The star link payload needs to be able to hold up to 60 satellites.
7. Separate launch methods for different states.
8. Simulate entire rocket launch. (From the beginning to the stars)
9. Test each component thoroughly.
10. Controls need to be interchangeable.
11. Spacecraft need to be able to communicate with ground control.
12. Parallel simulation of rockets.

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