CMSC 137 Space Impact

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Specification

- 1. The user must have a java version 1.8 or higher installed.
- 2. Protobuf version 3.6.1 is also needed to run the program but we have already provided a protobuf.jar so installing the protobuf is not necessary.

To compile the program

```
javac -cp .:./lib/proto.jar:./lib/protobuf.jar MainChat.java
```

To run the program

```
java GameServer 3
```

```
java -cp .:./lib/proto.jar:./lib/protobuf.jar MainChat
```

Game Flow

- 1. The player will be asked to create or join a chat lobby.
- 2. Once the player is part of a chat lobby, the window will pop up.
- 3. The game will not start until all the players have joined the chat lobby.
- 4. Once all the players have joined, the game will start.

Game Controls

```
Spacebar = Shoot
```

Mouse = Player's movement

Left Arrow Key = Player move left

Right Arrow Key = Player move right