Note Taker: Tiger

Attendance:

Tiger, Wayne, Sam, Kevin, Albert

Notes:

**Use Cases Notes:**

* **Mission Design Engineers**
* **They will open the website: solar system will be loaded**
* **They will then load their own kernels**
* **The screen will change to their uploaded kernel**
* **They can then nav through 3D using mouse**
* **Animate spacecraft as it moved through space**
* **Stretch: load 2 traj at same instance of env**
* **Options for animation and visualization**
  + **Velocity changing colors**
  + **Hide and show specific kernels (enable /disable)**
    - **Ex: disable/hide earth**
  + **Choose speed of animation (0.0 (pause) -> 2.0 (2x speed ))**
  + **Pause, Play buttons**
    - **User Case Ex: I am a user and I want to pause my animation then play it.**
    - **Feature: Pause Button: Pauses animation**
    - **Features: Play Button: Plays animation**
  + **Slide bar to pick a nav point to goto**
* **unload kernels (detach from env)**
* **Full screen mode available**

**Features:**

* **Ex: we have animation, we can model all kernels, you can pause/play**
* **Think: This is how we sell our product in a marketing pitch**

**Requirements:**

* **Ex: we have a backend that you can load/unload from,**
* **Think: How will we complete all our use cases**

**Non functional Requirements:**

* **User has strong enough internet connection to run the website**
* **UI design should be easy to navigate and icons should be easy to interpret**
* **User has a strong CPU and enough RAM to get soft transitions if they are using Google Chrome**

**From that we’re going to make an architectural diagram that shows**

* **Data passed from frontend to backend and associated use cases**

**From that we get class diagram**

**In tandem we’re making rough ghant chart then building it out as we know more**

* **Time estimates can change, just rough estimate them**
* **Programmer who is late on an estimate should redo that ghant chart with updates**