

Teem Meeting Minutes

10/13/2018

Date: 10/13/2018 2018 5:00-5:30 pm

Location: ENG building

Lead Person: Torki Alhaqqan

Minutes Recorder: Fawaz Almubark

In Attendance: All team members

Executive Summary:

We joined to discuss about our design sketches and if we could redesign the pulley to have a rotational spring and if we could have to linear spring. Furthermore, to have an analytical calculation with the kinematics design shown

To accomplish:

- Do the spring as the shock absorber
- And have the thrust bearing
- Have more ideas and present the sketches at least 8
- Redesign the pulley for our rotational spring design
- Have a gear ratio of 3 for the pulley
- $\Theta=50$ degrees for the foot plate movement
- We cannot change the radius

Individual task:

Torki- calculation of the spring and CAD design for the final sketch

Fawaz-more research about the foot plate radius

Mohammad-sketches for the final design

Barjis-spring location using sketches

Humood- prices for the spring

