

Project created on 08.09.2016 13:53.

Report for project Senior Design Electronic book

Task created on 07.04.2017 15:16.

Google Hangout (April 2 2017)

No due date


No description

Task tags: *No tags*

Completed by Utsav Malla on 07.04.2017 15:25.

Step 1: Google Hangout Session

This google hangout session was mainly focused on discussing the idea for the ratchet mechanism for our exoskeleton. In order to progressively straighten our splint, we have decided on using guitar strings that can be tightened by a ratchet mechanism. We discussed various ideas for the mechanism. A company named BOA has a particular design that we decided to base our ratchet design on. Shirshak and Utsav will be working on the ratchet design CAD modeling in the next few days.

 Comments for step Google Hangout Session

No comments

Activity of task Google Hangout (April 2 2017)

07.04.2017 15:16 *Utsav Malla* created task **Google Hangout (April 2 2017)**.
 07.04.2017 15:19 *Utsav Malla* created Step 1 **Google Hangout Session**.
 07.04.2017 15:20 *Utsav Malla* edited Step 1 **Google Hangout Session**.
 07.04.2017 15:25 *Utsav Malla* completed Step 1 **Google Hangout Session** (1/1 completed).

 Samples of task Google Hangout (April 2 2017)

No samples

Task created on 07.04.2017 15:22.

Tech Shop Class

No due date

No description

Task tags: *No tags*

Completed by Utsav Malla on 07.04.2017 15:25.

➔ **Step 1:** Tech Shop Class (April 4)

Nischal attended the tech shop class on Tuesday April 4 from 5:30 - 6:30 for 3-D printing.

💬 Comments for step Tech Shop Class (April 4)

No comments

🗉 Activity of task Tech Shop Class

07.04.2017 15:22 *Utsav Malla* created task **Tech Shop Class**.

07.04.2017 15:23 *Utsav Malla* created Step 1 **Tech Shop Class (April 4)** .

07.04.2017 15:25 *Utsav Malla* completed Step 1 **Tech Shop Class (April 4)** (1/1 completed).

💧 Samples of task Tech Shop Class

No samples

Task created on 07.04.2017 00:12.

📁 Adjustable Knob Updates

No due date

No description

Task tags: *No tags*

Completed by Shirshak Aryal on 07.04.2017 00:32.

➔ **Step 3:** Knob Design 3

This is the another potential design of the knob, which will be tested this weekend with the exoskeleton.

🖼️ [*ratchet_wheel.jpg*] File uploaded on 07.04.2017 00:31.



💬 Comments for step Knob Design 3


No comments

Completed by Shirshak Aryal on 07.04.2017 00:30.


➔ **Step 2:** Knob Design 2

This is the simplest version of the knob, if the above fails to fulfill our need. It has

a hole on the longitudinal screw to accommodate the string mechanism.

 [*simple_knob.jpg*] File uploaded on 07.04.2017 00:28.




 [*Printed_simple_knob_top_side_.jpg*] File uploaded on 07.04.2017 00:40.



 [*Printed_Simple_Knob_.jpg*] File uploaded on 07.04.2017 00:40.



 Comments for step Knob Design 2

No comments

Completed by Shirshak Aryal on 07.04.2017 00:28.

Step 1: Knob Design 1


This is the first knob design that will be printing. The 3D printed version of this knob will be also be uploaded here.

 [*Knob1a.jpg*] File uploaded on 07.04.2017 00:26.



 [*Knob1as.jpg*] File uploaded on 07.04.2017 00:26.



 Comments for step Knob Design 1

No comments

Activity of task Adjustable Knob Updates

07.04.2017 00:12 *Shirshak Aryal* created task **Adjustable Knob Updates**.

07.04.2017 00:26 *Shirshak Aryal* created Step 1 **Knob Design 1**.

07.04.2017 00:28 *Shirshak Aryal* edited Step 1 **Knob Design 1**.

07.04.2017 00:28 *Shirshak Aryal* completed Step 1 **Knob Design 1** (1/1 completed).

07.04.2017 00:28 *Shirshak Aryal* created Step 2 **Knob Design 2**.

07.04.2017 00:30 *Shirshak Aryal* edited Step 2 **Knob Design 2**.

07.04.2017 00:30 *Shirshak Aryal* completed Step 2 **Knob Design 2** (2/2 completed).

07.04.2017 00:31 *Shirshak Aryal* created Step 3 **Knob Design 3**.

07.04.2017 00:32 *Shirshak Aryal* edited Step 3 **Knob Design 3**.

07.04.2017 00:32 *Shirshak Aryal* completed Step 3 **Knob Design 3** (3/3 completed).

07.04.2017 00:40 *Shirshak Aryal* edited Step 2 **Knob Design 2**.

🔹 Samples of task Adjustable Knob Updates

No samples