

# MEETING MINUTES

## Meeting Minutes: Week 6

ME 476C-006

Portable Carrier B Team

Feb 14, 2019

Time held: From 5:45pm to 7:00pm

Location: ENG Building

Recorded by: Saleh Alotaibi

**Attendance:** Saleh Alotaibi, Abdullah Alfaraj, Ahmad Almutairi, and Abdalaziz Alhelfy

### Topics:

1. Tasks assigned
2. Plan for next meeting

### Executive Summary

In this meeting minutes, we are going to discuss our 6<sup>th</sup> meeting after we met our Staff Dr. Trevas. Each one of us talked about his assigned task. Then, Trevas gave us some useful information that it will help us after he saw our prototype design.

### Tasks

- As we mentioned before, Dr. Trevas gave us some useful information to work on:
  - 1- The teeth of the wheels/gears need to match the teeth of the belt perfectly that we are going to choose.
  - 2- Include more torque for the speed.
  - 3- Choose same motor but increase the torque.
  - 4- Find speed for the motor.
  - 5- Make sure to have the gear ratio.
- Dr. Trevas assigned an individual technical analysis tasks for each member to work on:
  - Abdalaziz Individual technical analysis: write about more advance for the electric hand
  - Abdullah Individual technical analysis: write about how the teeth of the wheels/gears need to match the teeth of the belt perfectly and how it works.

- Saleh Individual technical analysis: write about the controlling system and how will you control it.
- Ahmad Individual technical analysis: write about the motors with gear ratio and how it works.

### **Plan for next Meeting**

We Will be ready for the HR1 next Thursday on Feb 21<sup>st</sup> and each member will work on his assigned technical analysis.