

# MEETING MINUTES

## Topic: Helmet Client Meeting

Date: Thursday, October 11, 2018

Time: 11:00 am –12:00 pm

Location: Engineering Building

Minutes recorded by Titus Yazzie

Meeting called by Dr. Moghaddam

Attendees: All members

Table 1. Record of meeting.

<b>11:00 am – 11:10 am</b>	<b>Inform Client of updates</b> <ul style="list-style-type: none"><li>- The team will focus on football</li><li>- Dr. Moghaddam wants numbers to work with</li><li>-</li></ul>	EGR Building
<b>11:10 am – 12:00 pm</b>	<b>Discussion of Smart Helmet project</b> <ul style="list-style-type: none"><li>- Look into sensors for linear and angular acceleration</li><li>- Focus on data collection</li><li>- MR Fluid is secondary</li><li>- Main customer needs are comfort and weight</li><li>- Research padding patterns</li><li>- Increase impact absorption, protection, and be smart</li></ul>	EGR Building
<b>12:00 pm to end</b>	<b>Plan for next meeting</b> <ul style="list-style-type: none"><li>- How are we calculating linear and rotation acceleration?</li><li>- HIC and HIT threshold numbers that consider linear and angular acceleration</li><li>- Quick background of brain injury</li></ul>	EGR Building

Table 2. Tasks Assigned.

<b>Task</b>	<b>Person Assigned</b>	<b>Due Date</b>	<b>Date Complete</b>
Will the D30 be part of or replace the padding?	Mana	11/9/18	
Sensors – Record acceleration data (linear/angular)	Omar	11/9/18	
Find top notch helmets in market	Race	11/9/18	
Brain injury research, HIC, and HIT number threshold	Titus	11/9/18	

Sensors – sense impact	Fares	11/9/18	
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**Next formal meeting: 10/17/18, Engineering Building at 6:00 pm.**  
**Next members responsible for agenda: Omar**  
**and meeting minutes: Titus**