

**EECE 4950 – Fall 2018**  
**Capstone Senior Design Project**  
**Weekly Progress Report**

**Instructions to the Design Group Leader:** Please email a copy of this progress report to your project sponsor and to Dr. Bruce each Friday by 5 p.m. (excluding Oct 19 – Fall Break and November 25 – Thanksgiving Break).

Project Title: **Burn Resuscitation and Management for Early Responders (BME)**

Date: **10/5/18**

**(a) For each member, provide (1) the number of hours spent working on the project in the past week, and (2) a brief (one paragraph) summary of your progress in the past week. (Each group member should provide his/her information. If none is provided, list “no report” for that person.)**

Name: Eric Yeats (EECE)	Hours spent on project: 3
Summary of progress in past week: I investigated some resources for developing on an Android platform. I attended the meeting on Thursday and helped coordinate research topic designation. I will be researching Multi-View Stereopsis and programming on Android platforms.	
Name: Nora Ward (BME)	Hours spent on project: 3
Summary of progress in past week: Nora attended the meeting on Thursday and helped coordinate research topic designation. She will be researching Multi-View Stereopsis.	
Name: Hannah Kang (BME)	Hours spent on project: 3
Summary of progress in past week: Hannah attended the meeting on Thursday and helped coordinate research topic designation. She will be researching Computer Vision (skin recognition).	
Name: Jacob Ayers (BME)	Hours spent on project: 3
Summary of progress in past week: Jacob will be researching Burn Severity Categorization and Device Working Conditions.	
Name: Dominique Szymkiewicz (BME)	Hours spent on project: 3
Summary of progress in past week: Dominique will be researching Severe Burn Treatment and Resuscitation.	
Name: Tommy Yates (BME)	Hours spent on project: 3
Summary of progress in past week: Tommy attended the meeting on Thursday and helped coordinate research topic designation. He will be researching Neural Networks and Neural Network Training.	
Name	Hours spent on project
Summary of progress in past week:	

**(b) Briefly describe your group's planned efforts over the next week. Please list any resources (hardware, software, documentation, tools, etc.) that your group may require in the near future, but which you do not yet have. If your group requires additional advice or guidance about an upcoming technical aspect of the project, please describe it.**

This week, the group attended the lecture with Sue Cange and wrote a report on how her experience managing the DOE relates to our project. We found that her advice on planning was very relevant to our project since developing neural-network-integrated applications can be a time-intensive process. Additionally, it is critical that we better identify the working conditions that our application would operate in and ensure that we understand the expectations of our project sponsor. Additional understanding of the application area and the device expectations can help us write a better, more informed plan. Once a written plan is established, the delegations and deadlines are more clear for each team member.

On Thursday, we established a short-term plan by designating each team member to a research topic related to our application. At next week's meeting, we will be presenting the main points we found in our research topics.

Next week, I intend to meet with my AI professor, Dr. Fisher.

**(c) If appropriate, attach any additional items such as documentation / test results / schematics / diagrams / etc. that may assist your group sponsor and Dr. Bruce in evaluating your progress and aiding in your design effort. Please provide a brief description of these items if needed.**