

# Final Project Team Details

**Team Members:** Sami Belhareth, Evan Mi, Tony Zhang, Yiqiong Xiao, Jinyoung Eum

**TA Mentor:** Mike Romano

**Industry Advisor:** Dr. Nishant Vatsa

**Quick Description of Application:** This statin recommendation SMART-on-FHIR application is designed to read in patient EHR data to automatically calculate the 10-year risk for a first atherosclerotic cardiovascular disease (ASCVD) event, and recommend the physician prescribe a statin of a particular dosage in accordance with American College of Cardiology (ACC) guidelines based on the ASCVD risk score.

## Team Member Roles & Responsibilities:

1. Sami Belhareth: main point of contact for communication with the external mentor and other physicians in order to set requirements, and change the requirements as new information came to light; played a secondary role in helping to develop the ASCVD risk calculator.
2. Evan Mi: played a primary role in developing the statin recommendation portion of our application; primary person responsible for deploying our application
3. Tony Zhang: played a primary role in developing the front end for the application; integrated the front end with the back end
4. Yiqiong Xiao: played a primary role in developing the ASCVD risk calculator
5. Jinyoung Eum: Worked on developing prototype applications with Cerner's ecosystem, and gathered info on Epic's ecosystem, although this was found to be outside the scope of what we could accomplish.

## Final Gantt Chart:

