



Project Management and Software Development

A Vision Based Anthropometric Scanner

Project Requirements Presentation

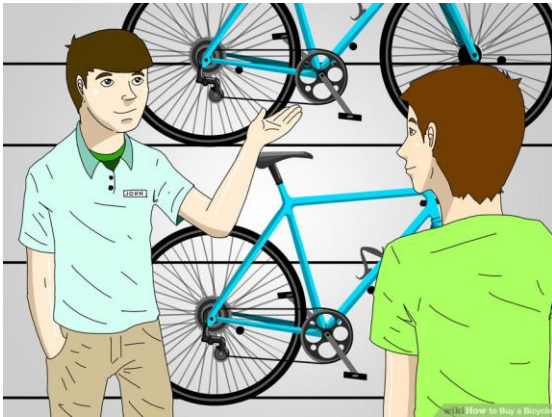
Ahmed El-Gazzar

Supervisor : Benjamin Busam

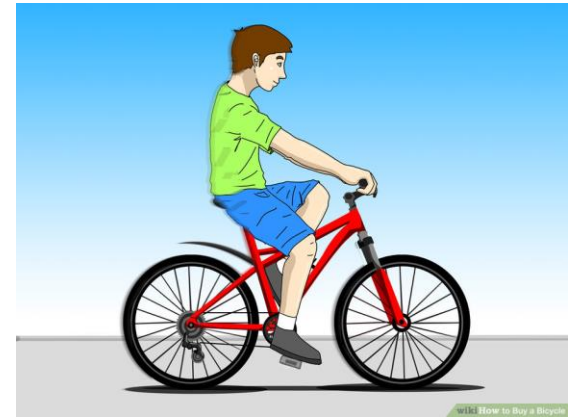


Problem Statement

Buying a bicycle



<http://www.wikihow.com/Buy-a-Bicycle>



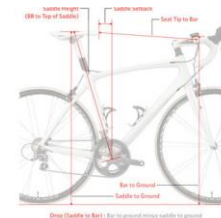
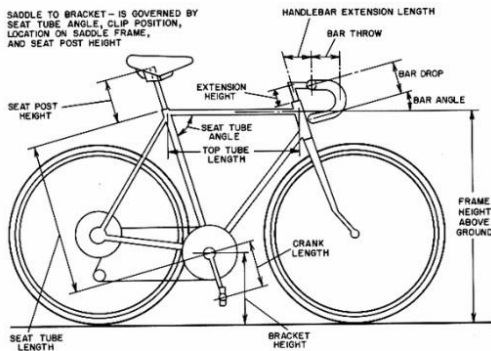
It's not that simple!



Problem Statement

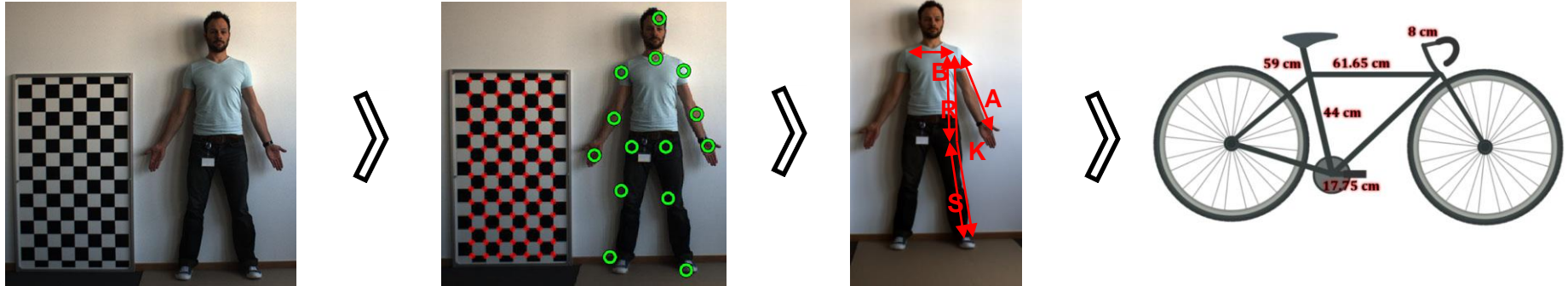
An optimum bicycle provides:

- Comfort
- Safety
- Injury prevention
- Peak performance



<http://www.twowheelsgood.co.uk/fit-services.php>

Previous Work



Mahdi Saleh, Ss15PMSD, *Reducing the orthopedic risk of cycling with a vision-based scanner*

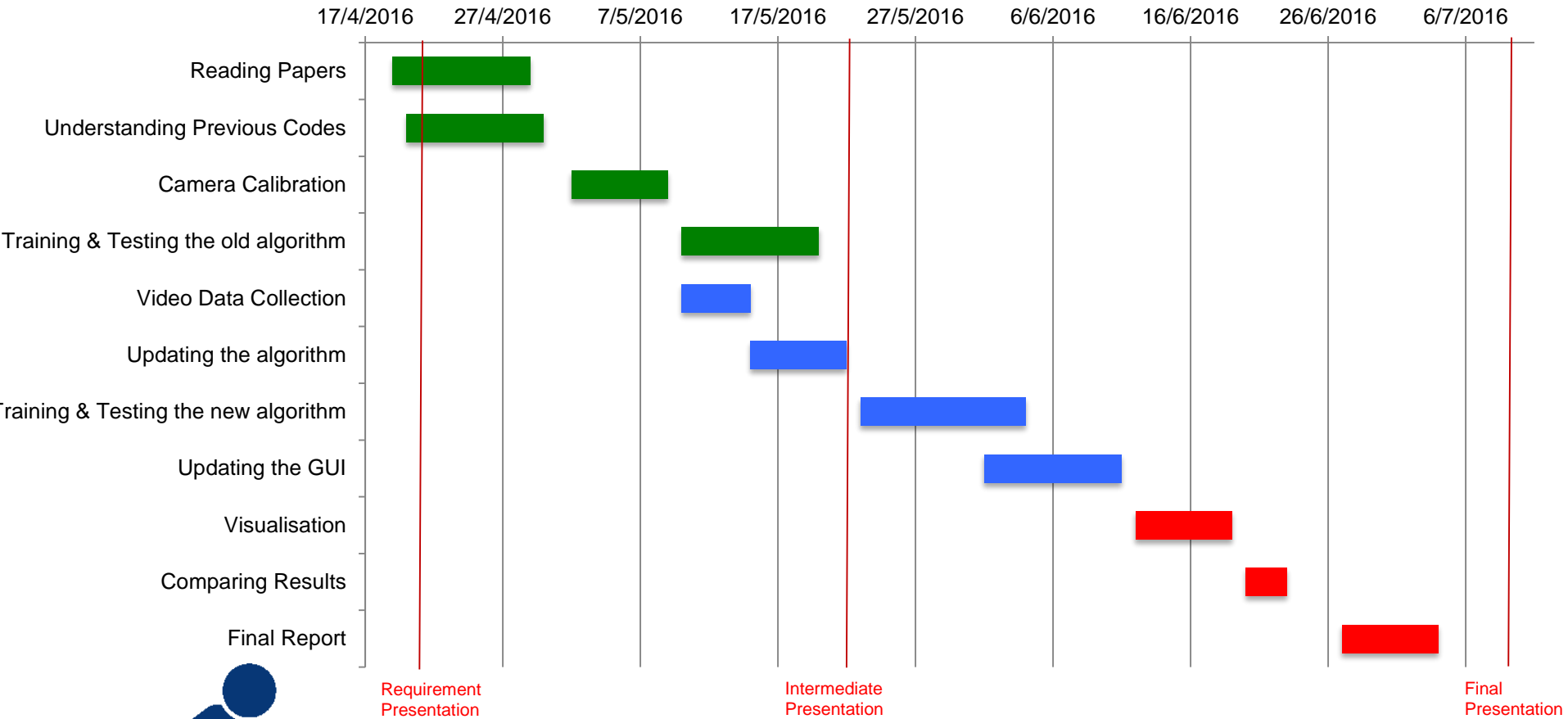


Tasks

- 🔑 Update Camera Calibration Process
- 🔑 Collect Video Data
- 🔑 Update Pose Estimation Algorithm
- 🔑 Training and Testing the Updated Algorithm



Gantt Chart



Created with Microsoft Excel



Software Requirements

Project Management

 Microsoft Excel

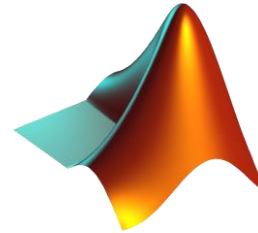


Design and Implementation

 Matlab

 Visual Studio

 Flash



Controlling

 GitLab



GitLab



 **Thank you!** 

