Project Management and Software Development

A Vision Based Anthropometric Scanner

Project Requirements Presentation

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Problem Statement

Buying a bicycle

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

It’s not that simple!
An optimum bicycle provides:

- Comfort
- Safety
- Injury prevention
- Peak performance

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

- Reading Papers
- Understanding Previous Codes
- Camera Calibration
- Training & Testing the old algorithm
- Video Data Collection
- Updating the algorithm
- Training & Testing the new algorithm
- Updating the GUI
- Visualisation
- Comparing Results
- Final Report

Created with Microsoft Excel
Software Requirements

- **Project Management**
  - Microsoft Excel

- **Design and Implementation**
  - Matlab
  - Visual Studio
  - Flash

- **Controlling**
  - GitLab
Thank you!