

# Group 7 Report

## SDP 2014-2015

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## **1 Abstract**

## **2 Organisation and Management**

The model adopted and put into practice for our team was largely a tiered hierarchical structure with a single official team leader Roy, who was experienced and proficient in electronics and hardware matters, and a lead software developer Chris, as he was most experienced in programming and high level planning. The rest of the members were assigned supportive roles based on their skill and experience.

A private github

## 3 Hardware

### 3.1 "Speed is King"

### 3.2 "The Less Wheels the Better"

### 3.3 "Building around a Strong Kicker"

## 4 Software

### 4.1 Arduino side

### 4.2 PC side

#### 4.2.1 Vision

#### 4.2.2 Planning

#### 4.2.3 Communication

## 5 Conclusion

## 6 Online Resources

The code for the project, presentations, group report, and photographs of our robot(s) are available at our *public TODO* github account at <https://github.com/ChrstSea/sdp>.

The trello board with evidence of our workflow is available on <https://trello.com/b/0z0yrwQd/lucky-strike-7>.