Xi'an Jiaotong-Liverpool University

西交利物浦大学

Specification and Design Report

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Chapter 1

Summary of Proposal

1.1 Project Description

Now more and more people are supposed to learn knowledge about programming. However, learning programming can sometimes become boring that cause learners give up halfway. Therefore, this project develops a maze game for those who wish to learn programming knowledge. Users can learn programming knowledge by playing games at the same time.

In this project, there is a robot which is based on Raspberry Pi. This robot is as an explorer in the maze. It needs to find a path from the start position to the end position.

1.2 Statement of Deliverables

1.3 Conduct of Project and Plan