*Appendix*

# Flowcharts

## A screenshot of a diagram Description automatically generated03 – generateWorld

## 10 – generateEmptyWorld

A diagram of a company with Bank of China Tower in the background

Description automatically generated

## 13 – movePlayer

A diagram of a game

Description automatically generated

## 14 – mineBlock

A diagram of a flowchart

Description automatically generated

## 18 – displayCraftingRecepies

A diagram of crafting recipes

Description automatically generated

## 23-24 – inventoryContains

A diagram of a flowchart

Description automatically generated

## 25 – removeItemsFromInventory

A screenshot of a computer flowchart

Description automatically generated

## 26 – addCraftedItem

A diagram of a computer program

Description automatically generated with medium confidence

## 28 – saveGame

A screenshot of a computer

Description automatically generated

## 29 – loadGame

A black and white diagram with Taipei 101 in the background

Description automatically generated with medium confidence

## 31 – displayLegend

A screen shot of a computer screen

Description automatically generated

## 32 – displayInventory

A diagram of a flowchart

Description automatically generated