Homework 13: User Manual

Team Code Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Group No. \_\_\_\_\_\_

NOTE: This is one of the last sections needed to finish the Final Report. This homework will count toward each team member’s grade, and therefore all team members should participate equally in completing it. The User Manual should be about 5 pages in length (one page per bullet).

User Manual Outline:

*Include this sheet as a cover page for your report*

* Brief (marketing-style) product description
* Product illustration annotated with callouts for each control/display
* Product setup instructions
* Product use instructions
* Product troubleshooting instructions

Evaluation:

|  |  |  |  |
| --- | --- | --- | --- |
| SEC | DESCRIPTION | MAX | SCORE |
| 1.0 | Product description | 20 |  |
| 2.0 | Product illustration | 20 |  |
| 3.0 | Product setup instructions | 20 |  |
| 4.0 | Product use instructions | 20 |  |
| 5.0 | Product troubleshooting instructions | 20 |  |
|  | TOTAL | 100 |  |

Product Description

Illustration

Product Setup Instructions

Product Use Instructions

The first step in using the headset is to find a suitable area of play. Ideally, the play area will be: outdoors, free of clouds, dark, away from buildings, with at least one electrical outlet available. Do not use the headset while driving, operating heavy machinery, swimming, running, or are performing any other potentially dangerous activity. To start gameplay, plug in the CCU, set it down on top of a stable surface, and turn on all headsets. The CCU will turn on and boot into the game menu automatically when plugged in, and the headsets boot automatically into the game software. Wait for all machines to boot and at least one headset to acquire a GPS lock. Then, using the keypad on the CCU, select a simulation from the menu and start it. All headsets within range will connect automatically and the first GPS fix found will be used as a reference point for simulation logic. The CCU will transmit level data to each headset, and once this completes the simulation will begin.

After the simulation starts, walk into virtual objects to interact with them. Please take periodic breaks during use to prevent eyestrain.

WARNING: DO NOT USE THE HEADSET IF YOU HAVE A HISTORY OF EPILEPSY.

DO NOT CONTINUE USE OF DEVICE IF IT CAUSES VISUAL DISCOMFORT.

Product Troubleshooting Instructions

Problem: Headset display is blank.

Potential Solutions: Turn on the headset. Charge the battery of the headset.

Problem: Wireless communication is unreliable.

Potential Solutions: Stand closer to the CCU. Ensure that all antennas are oriented pointing upwards. Place the CCU in an elevated location, preferably about 100m above the ground.

Problem: GPS won’t lock.

Potential Solutions: Go outside. Wait until it isn’t cloudy outside. Stay away from buildings.

Problem: Screen visibility is low.

Potential Solutions: Go inside. Wait until it is cloudy outside. Wait until the sun goes down.

Problem: The compass orientation is wrong.

Potential Solutions: Step away from the magnet.

Problem: The simulation froze.

Potential Solutions: Turn it off and on again. Remove and reinsert the SD card, ensuring that it seats fully in the slot.

Problem: The CCU display is blank.

Potential Solutions: Plug in the CCU. Turn on the CCU.

Problem: The CCU display flashes.

Potential Solutions: Don’t worry, this does not affect the operation of the CCU.

Problem: The headset is unfashionable.

Potential Solutions: Apply stickers and/or glitter to the headset.

Problem: The headset is on fire.

Potential Solutions: Purchase a fire extinguisher.