**Principles and Design of IoT Systems (PDIoT) [INFR11150/INFR11239]**

Peer Reviewers Details

Group Name (Letter):

Student numbers:

Student names:

Date completed:

1. Setup instructions
2. On a scale of 1 to 5, how easy was it to follow the setup instructions provided by the team? (1 - very easy, 5 - very hard)

|  |
| --- |
| 1 |

1. On a scale of 1 to 5, how easy was it to install the apk of the app on your device? (1 - very easy, 5 - very hard)

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| --- |
| 5 |

1. Comment on how it can be improved?

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| --- |
| Allow the app to be installed on older android versions. Disable the play protect security thing. Improve the apk so that we could install it. |

B. Any additional setup

1. Were there any additional setup for the app (for example creating an account on a website or changing settings on your phone?)

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| --- |
| Yes, creating an account |

1. Describe these steps and how easy it was to follow them. Add any comments on how you would improve them.

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| Pretty easy . |

C. App usability

1. Comment on the functional usability of the app. Focus on the following: ease of navigation, working components such as buttons, sensor connections, any dropdowns or graphs within the app.

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| The app is easy to navigate,sensors were easy to pair,graphs and dropdowns worked well |

1. Rate the interface usability of the app: was the place to click intuitive? How easy was it to get to the page showing live classification? Were the other features easy to find?

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| 4/5. Relatively simple UI. Easy to navigate and easy to use. |

D. Real-time classification

1. For the list of activities implemented (find the list in the group’s submission material), record the classification result for each activity - a column for each student. If the app you are testing implements multiple models (for example, one model which classifies a subset of activities and one model which classifies all activities), then create a table for each of the models.

For example:

|  |  |  |  |
| --- | --- | --- | --- |
| Activity Name | Try 1 - student A | Try 2 - student B | Try 3 - student C |
| Sitting | Desk work | Sitting | Sitting bent forward |
| Standing | Sitting | Standing | Sitting |
| Walking | Ascending Stairs | Walking | Walking |
| Running | Running | Running | Running |
| Lying down on the back | Lying down on the back | Movement | Lying down on the back |

1. Comment on the perceived accuracy of the real time classification. What do you notice that can be improved?

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|  |

E. Offline classification

You will have been emailed the test dataset along with your assigned group’s materials.

Use the evaluate\_model.py script provided by your assigned group to run their model on the unseen test dataset.

1. Paste the classification report here:

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|  |

1. Paste the breakdown of classes and their corresponding metrics here:

|  |
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|  |

1. Paste the confusion matrix (or matrices) here:

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1. Did you have any issues running the offline classifier(s)?

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1. How does the performance of the offline classifier(s) compare to what you saw in real time on the app?

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|  |

F. Overall experience

1. Comment on your overall experience using the application.

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| 7/10. Simple and easy to use but at the same time functional and does its job well and fast. Installation could be improved. |

1. Comments on how you would improve this application.

|  |
| --- |
| Delete it |