

**Pearson**

**Higher Nationals in**

**Computing**

PEARSON SET ASSIGNMENT

UNIT 13: Computing Research Project

**Project Logbook Entry**

**BCAS School of Computing**

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| **Student No** | **CSD/17/57/05** |
| **Student Name** | Farha Imthiyaz |
| **Project Title** | **SMART INTELLIGENCE SUPERMARKET TROLLEY** |
| **Supervisor** | **Mr.Anis Saboordeen** |
| **Commenced On** | 11th of January 2019 |

**Progress Sheets**

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| --- | --- | --- | --- | --- |
| **Date** | **1/11/19 8:00 AM** | | **Duration** | **17 days** |
|  | | | | |
| **Major Activity Completed:**  I completed Initiation Phase. In my project, This phase includes Research About IOT & AI, Research All the possible Projects, Choice My Project, Literature Review and Project Proposal. | | | | |
| **Problems Occurred:**  When I researching internet coverage is an issue for me. Time duration and Time management are main problems for me. When I am selecting my project within three possible project also main problem which I faced. | | | | |
| **Suggestions made by the manager:**   * Sir told me to include more than five literature review projects related to my project. * Sir told to include AI base projects * Sir gave idea to select final my projects within other possible projects. | | | | |
| **The decision was taken:**  I included eight literature review projects related to my project and mainly focused on AI base projects. Then, I selected Smart Intelligence shopping trolley as my HND final project. | | | | |
| **Supervisors’ Signature** | |  | | |
| **Date** | | **1/28/19 5:00 PM** | | |
| **Comments:** | | | | |

**Progress Sheets**

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| **Date** | **2/1/19 8:00 AM** | | **Duration** | **4 days** |
|  | | | | |
| **Major Activity Completed:**  I completed Planning Phase. Which includes Work Break Structure and Gantt Chart. In here we included time frame and cost analysis. | | | | |
| **Problems Occurred:**  When I researching internet coverage is an issue for me. Time duration and Time management are main problems for me. | | | | |
| **Suggestions made by the manager:**   * Sir told me to include all the resources (material and work) * Sir helped me in cost analysis in Gantt chart. | | | | |
| **The decision was taken:**  I included all the resources which meant material and work. Also I included updated cost analysis in Gantt chart. | | | | |
| **Supervisors’ Signature** | |  | | |
| **Date** | | **2/4/19 5:00 PM** | | |
| **Comments:** | | | | |

**Progress Sheets**

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| --- | --- | --- | --- | --- |
| **Date** | **2/5/19 8:00 AM** | | **Duration** | **3 Months and 19 days** |
|  | | | | |
| **Major Activity Completed:**  I completed Execution Phase. Which includes Research of Smart trolley, Study About Ardino, Implementing Artefact, Code to Artefact and Implementing AI. | | | | |
| **Problems Occurred:**  When I researching internet coverage is an issue for me. Time duration and Time management are main problems for me. When we study IOT devices then everything can remember. After some days those devices forget. When handling those devices is also problem. Some of Concepts of coding hard to understand. | | | | |
| **Suggestions made by the manager:**   * Sir told us to revise IOT devices practice when I am free. * Sir told us easy methods to remember the concepts of coding. * Sir told us methods to handle the IOT devices. * Sir told us use TensorFlow AI platform. | | | | |
| **The decision was taken:**  I came for revise IOT devices practice when I am free. We could remember the concepts of coding of any devices. We did AI coding in TensorFlow platform. | | | | |
| **Supervisors’ Signature** | |  | | |
| **Date** | | **5/24/19 5:00 PM** | | |
| **Comments:** | | | | |

**Progress Sheets**

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| --- | --- | --- | --- | --- |
| **Date** | **5/27/19 8:00 AM** | | **Duration** | **1 Month and 21 days** |
|  | | | | |
| **Major Activity Completed:**  I completed Performance Phase. Which includes Project Final Report, Project Diary and Poster Presentation | | | | |
| **Problems Occurred:**  When I researching internet coverage is an issue for me. Time duration and Time management are main problems for me. I faced lots of problems When I was writing critical evaluation for literature survey. I sacrifice my sleep. That’s also main problem for me. | | | | |
| **Suggestions made by the manager:**   * Sir told to me include more about AI functionalities in my project. * Sir told to me include TensorFlow coding ideas from other project to my project. * Sir told to me improve the qualitative methodology. | | | | |
| **The decision was taken:**  I included more about AI functionalities in my project. I include TensorFlow coding ideas from other project to my project. Such as AI based recommending system. I improve the qualitative methodology in detail. | | | | |
| **Supervisors’ Signature** | |  | | |
| **Date** | | **7/18/19 5:00 PM** | | |
| **Comments:** | | | | |

**Progress Sheets**

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| --- | --- | --- | --- | --- |
| **Date** | **7/19/19 8:00 AM** | | **Duration** | **10 days** |
|  | | | | |
| **Major Activity Completed:**  I completed Closure Phase. Which includes Testing Project, Logbook and Handover. | | | | |
| **Problems Occurred:**  When I researching internet coverage is an issue for me. Time duration and Time management are main problems for me. | | | | |
| **Suggestions made by the manager:**   * Sir told to me to check the performance of my project. | | | | |
| **The decision was taken:**  I recheck the performance of my project. | | | | |
| **Supervisors’ Signature** | |  | | |
| **Date** | | **7/29/19 5:00 PM** | | |
| **Comments:** | | | | |