Project Charter

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| **Title of the Project :** | Food Order Management System for Pearson Lanka |
| **Batch :** | Weekday Group I |
| **Development Technology :** | HTML5, CSS, JavaScript, jQuery,Bootstrap 3, Java Servlets |

**Description of the Project:**

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| Pearson is the world's largest education company, with 40,000 employees in more than 70 countries helping people of all ages to make measurable progress in their lives. Pearson Lanka is a sub division of Pearson IT Company which produces educational software solutions for clients. Food Order Management System mainly focuses on handling meal orders of employees working in Pearson. It also handles Project Management Operations conducted by team of employees in Pearson.  Currently this system is implemented manually where orders are taken by a officer by hand and process all orders with total count. Then the officer will inform food providers such as Hotels about all the orders. After that Food Providers will proceed orders and distribute them among employees.  There are some main problems with the current manual procedure. First it takes longer time to order information from each employee because there are about 250 employees. Payment, Order, Delivery and Finance information and calculation process is done manually , so it takes a lot of effort to find even little bit of information needed. Usually Lunch order should be taken before 10.30 am, but because of manual process it takes more than that which results late lunch distribution between employees. No connection interface between employee, company and food provider. Complains and feedback is also handled manually via complain forms in the office.  When the order process becomes automatic via the system it takes only seconds to get information, create orders. Because the system is web based users can access system from any device. Payment, Order, Delivery, Finance and Project Management information is also handled through the system without them being manually done. There is also a Indoor Canteen / Shop Management System where employees can purchase items which can deducted from the employee monthly salary. Delivery Management is also managed by system effectively without late food distribution. There is also a separate complain and feedback system for resolving complains regarding food items. So Pearson Lanka’s goal with this system is to achieve higher productivity within less time while managing high standards. |

**Details of the Group Members:** *(Provide the details of the group leader in the first row)*

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| --- | --- | --- | --- | --- |
|  | **Name with Initials** | **Registration Number** | **Contact Phone Number** | **Email** |
|  | K.M.U.K.Senavirathna | IT15002884 | 777615403 | [udithakasun311@gmail.com](mailto:udithakasun311@gmail.com) |
|  | M.D.S.Mihiranga | IT15004550 | 776090380 | [shalitha.mihi99@gmail.com](mailto:shalitha.mihi99@gmail.com) |
|  | W.M.A.W.Wijekoon | IT15002952 | 712439152 | [asithawwjkr@gmail.com](mailto:asithawwjkr@gmail.com) |
|  | K.K.I.A. Deshan | IT15013774 | 772920437 | [isuru.avishka95@gmail.com](mailto:isuru.avishka95@gmail.com) |
|  | D.H.P.Nadeeja | IT14139918 | 775955158 | [pasannadeeja94@gmail.com](mailto:pasannadeeja94@gmail.com) |
|  | A.V.Fernando | IT15006608 | 711655530 | [avf.fernando@gmail.com](mailto:avf.fernando@gmail.com) |
|  | W.R.U.S.V.Wijesundara | IT14006012 | 714289430 | [sanujaw94@gmail.com](mailto:sanujaw94@gmail.com) |
|  | K.G.Kumarawadu | IT15008442 | 774626039 | [kalanakumarawadu@gmail.com](mailto:kalanakumarawadu@gmail.com?subject=) |

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|  | **Name with Initials** | **Function-in-charge** | **Brief Description of the Function** |
|  | K.M.U.K.Senavirathna | Order Management | Order creation and customization by Employee within given time frame, Order approval by Senior Officer or Secondary Officer, Send details about order to the Food Provider, Automatic order processing at night shift, Track Order Progress |
|  | M.D.S.Mihiranga | Employee Management | Adding Employee Details and Updating details, Employee Salary Details Management, Attendance and Leave Management for each employee |
|  | W.M.A.W.Wijekoon | Delivery Management | Assign Delivery to deliver to the employee, Update current delivery progress, Delivery Vehicle and Employee Information Management, Delivery Payment Details |
|  | K.K.I.A. Deshan | Complain and Feedback Management | Add Feedback and review about food items, Add Complains by Pearson Employee, Review Complains, Resolve Complains |
|  | D.H.P.Nadeeja | Project and Roster Management | Project Add/Update, Assigning employees for project, Track project progress, Schedule Creation and Management for Employee |
|  | A.V.Fernando | Finance Management | Payment Information Management by Pearson and Hotel Providers, Expenses and Taxes Management |
|  | W.R.U.S.V.Wijesundara | Indoor Canteen/Shop Management | Billing System for Canteen/Shop, Reduction from Employee Salary for Payment, Shop Item & Stock Management |
|  | K.G.Kumarawadu | Food Provider Management | Food Provider Details Add/Update, Add/Update/Delete Food Items depending on their availability, View Current Orders, Handover to delivery Management for Delivery |

**List of Functions Developed by the Group Members:**

**Student Declaration:**

I have read and understood all the instructions provided under the initial guidelines and the unit outline. Further I agree to follow the guidelines and instructions provided to me during the semester via lectures, labs, tutorials and Moodle. I am aware that failing to follow these instructions and guidelines will affect my marks and the grade of this unit.

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|  | **Name with Initials** | **Registration Number** | **Signature** |
|  | K.M.U.K.Senavirathna | IT15002884 |  |
|  | M.D.S.Mihiranga | IT15004550 |  |
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|  | K.K.I.A. Deshan | IT15013774 |  |
|  | D.H.P.Nadeeja | IT14139918 |  |
|  | A.V.Fernando | IT15006608 |  |
|  | W.R.U.S.V.Wijesundara | IT14006012 |  |
|  | K.G.Kumarawadu | IT15008442 |  |

**Approval of the Lecturer:**

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| Lecturer’s Approval is Granted | |
| Name : |  |
| Date : |  |
| Signature : |  |