**Computer Engineering**

**Title of Micro project:**

Project on DFD(dataflow diagram) and ER(entity relationship) for hospital management.

**GROUP MEMBER:**

|  |  |  |
| --- | --- | --- |
| Roll no | Class | Name |
| 2102 | CO4I | Varun Chaudhari  (Group Leader) |
| 2103 | CO4I | Dravin Chauhan |
| 2117 | CO4I | Heramb Pawar |

Guided By: Miss Sharmila Wankhede

**Part Plan A**

**Title of Micro project:**

Project on DFD(dataflow diagram) and ER(entity relationship) for hospital management.

**Introduction:**

1. DFD diagram represent the analysis model.
2. ER diagram represent the Entity model.
3. It is use to represent the dataflow model and analysis model.
4. We have created DFD level 0and level 1 diagram for flow oriented model.

**Aim of the project:**

1. There are 6 various level of DFD all detail of data gets covered in as use go from one level to another level.
2. Level 0 DFD give the main system description.
3. Level 1 give little more detail regarded data flows.
4. Star used tool and other label are available to draw the different levels of DFD and ER diagram.
5. It aids in describing the boundaries of the system
6. It is an effective communication tools for designer.

**Resources Required:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr.No | Name of resources | Specification | Quantity | Remark |
| 1. | Computer | Hard drive  Processor(intel core)  RAM  OS (Windows 10) |  | Hardware  and  software  used. |
| 2. | Star UML | Version  3.0.2 | 1 | Multiplatform  Support(Mac OS, Windows,  LINUX) |

**Action Plan :-**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SR.**  **No** | **Detail of activity** | **Planning start date** | **Planning end date** | **Name of team member** |
| 1 | Group format according to our choice and group leader was selected detail information on  given topic | 9/12/19 | 21/12/19 | Varun, Heramb and  Dravin. |
| 2 | Finalization of micro project as well as detail as discussion regarding topic | 23/12/19 | 4/1/20 | Varun, Heramb and  Dravin. |
| 3 | Planning on the micro project regarding search software tool used, software(OS) used , submission date. Completing part A plan of our topic | 6/1/20 | 18/1/20 | Varun, Heramb and  Dravin. |
| 4 | Complete analysis and design part micro project and distribution module among group members | 20/1/20 | 1/2/20 | Varun, Heramb and  Dravin. |
| 5 | Clearing the concept and analysis concept of star UML | 3/2/20 | 15/2/20 | Varun, Heramb and  Dravin. |
| 6 | Implementation of concept on the project by drawing from DFD and ER diagram using UML | 17/2/20 | 29/2/20 | Varun, Heramb and  Dravin. |
| 7 | Presentation of our project in front of guided by each member of group and preparing part b plan | 2/3/20 | 14/3/20 | Varun, Heramb and  Dravin. |
| 8 | Submission of micro project both A and B plan, hard and soft copy | 16/3/20 | 28/3/20 | Varun, Heramb and  Dravin. |