**Group 7 – Machine Job Scheduling**

**MINUTES OF MEETING**

**—--------------------------------------------------------------------------------------------------------**

**06-11-2022**

**Agenda**

* Create Multifile Multidirectory in Sprint Files folder
* Ask doubts to sir about the problem statement and multithreading
* Draft SRS doc and Fill RTM
* Divide Tasks among team members.
* Assign a person for creating the input data files and testing.
* Assign a person to take care of the daily backup
* Discuss the workflow of the project
* Issues regarding the data input through different machine clients has been assigned jobs and the names of the files from user a will be given as CLA.
* Data must be given in such a way different test cases can be tested.
* LinkedList of job id, job description, machine number (M1,M2,M3),time ,client (optional)
* An array of threads must be declared because the input of the file name will be given as CLA.

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Create Multifile Multidirectory in Sprint Files folder and add necessary files | Muskan Pathan & Vinitha Devalla | **06-11-2022** |
| Draft SRS doc | Muskan Pathan & Vinitha Devalla | **06-11-2022** |
| Divide Tasks among team members. | Muskan Pathan, Talari sriharshita, Daliparthi bhagya lakshmi | **06-11-2022** |
| Assign a person for creating the input data files and testing. | Renuka Gujjula , Renuka Gujjula & sarika pathiputturu | **06-11-2022** |
| Assign a person to take care of the daily backup | Daliparthi bhagya lakshmi | **06-11-2022** |
| Discuss the workflow of the project | Talari sriharshita, Daliparthi bhagya lakshmi & sarika pathiputturu | **06-11-2022** |

**07-011-2022**

**Agenda**

* Made the DFD Level 0, DFD Level 1 diagrams and made the necessary corrections suggested by mam.
* Made the flow diagram and story diagram.
* Discuss the workflow of the code and desired output.
* Prepared the pseudocode and made the necessary corrections as suggested by sir.
* Made all the necessary input files and listed out possible failure testcases .

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Made the DFD Level 0, DFD Level 1 diagrams and made the necessary corrections suggested by mam | sarika pathiputturu & Talari sriharshita | **07-011-2022** |
| Made the flow diagram and story diagram. | Sarika pathiputturu | **07-011-2022** |
| Discuss the workflow of the code and desired output. | Renuka Gujjula & Vinitha Devalla | **07-011-2022** |
| Prepared the pseudocode and made the necessary corrections as suggested by madam | Daliparthi Bhagya Lakshmi & other team members | **07-011-2022** |
| Made all the necessary input files and listed out possible failure testcases. | Renuka Gujjula , Renuka Gujjula, Muskan Pathan & sarika pathiputturu | **07-011-2022** |

**08-11-2022**

**Agenda**

* Written code based on the pseudocode and first check the working for a single file.
* Written all the function files separately and called them from main function file.
* Given all the necessary MACROS, structures, linkedlists, used wherever needed etc in the code.
* Debugged the file
* Discuss the workflow of the code and desired output.

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Muskan Pathan, Daliparthi Bhagya Lakshmi & Renuka Gujjula | **08-011-2022** |
| Working on cunit | Talari sriharshita, Devalla, Sarika pathiputturu | **08-011-2022** |

**09-11-2022**

**Agenda**

* Continued checking the working of code for a single file.
* Given all the necessary MACROS, structures, LinkedLists, used wherever needed etc in the code.
* Discussed the possible reasons for errors and rectified all of them.
* Discuss the workflow of the code and desired output.

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Muskan Pathan, Daliparthi Bhagya Lakshmi & Talari sriharshita | **09-11-2022** |
| Making of Rainy and Sunny Test cases | sarika pathiputturu, & Renuka Gujjula & Vinitha Devalla | **09-11-2022** |

**10-11-2022**

**Agenda**

* Wrote the code for multiple customer data files and checked if they are being read properly or not.
* Wrote the code for the reading data files and created the necessary linked lists.
* Written all the necessary function files separately and called them from main function file.
* Created threads and mutexes.
* Checked if all the necessary MACROS, structures, linkedlists, used DMA wherever needed etc in the code.
* Created makefile and. o files and debugged it using gdb command.
* Discuss the workflow of the code and desired output.

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Daliparthi Bhagya Lakshmi, Vinitha Devalla & Talari sriharshita | **10-11-2022** |
| Making of UT and IT Test cases | Sarika pathiputturu, Renuka Gujjula & Muskan Pathan | **10-11-2022** |

**11-11-2022**

**Agenda**

* Created threads and mutexes.
* Given all the necessary MACROS, structures, linkedlists, used DMA wherever needed etc in the code.
* Created makefile and. o files for the project and debugged it using gdb command.
* Created CUnit Files and IT testcases were checked. UT-IT document was filled.
* CUnit suites, test cases and makefile were created and debugged to clear errors.
* Modifications and addition of valid-invalid functions were done.

**Action:**

|  |  |  |
| --- | --- | --- |
| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on mutex and rectified the errors | Daliparthi Bhagya Lakshmi  & Vinitha Devalla | 11-11-2022 |
| Creates the final reports | Muskan Pathan | 11-11-2022 |
| Added invalid-valid functions | Sarika pathiputturu | 11-11-2022 |
| Created Files and IT testcases were checked. | Talari sriharshita | 11-11-2022 |
| Test cases and make file were created and debugged to clear errors. | Daliparthi Bhagya Lakshmi & Renuka Gujjula | 11-11-2022 |