**Group 1 – Machine Job Scheduling**

**MINUTES OF MEETING**

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**07-09-2022**

**Agenda**

* Create Multifile Multidirectory in Sprint Files folder
* Ask doubts to ma'am about the problem statement and multithreding
* 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 awill 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 | Kalyani , Hitesh ,Praneeth | **07-09-2022** |
| Draft SRS doc | Keerthi , Vamshi , Praneeth | **07-09-2022** |
| Divide Tasks among team members. | Kalyani | **07-09-2022** |
| Assign a person for creating the input data files and testing. | Keerthi , Vamshi | **07-09-2022** |
| Assign a person to take care of the daily backup | Keerthi | **07-09-2022** |
| Discuss the workflow of the project | Keerthi , Vamshi  Kalyani , Hitesh ,Praneeth | **07-09-2022** |

**08-09-2022**

**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 madam.
* 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 | Kalyani , Vamshi ,Praneeth | **08-09-2022** |
| Made the flow diagram and story diagram. | Kalyani , Keerthi, Vamshi , Praneeth | **08-09-2022** |
| Discuss the workflow of the code and desired output. | Kalyani , Keerthi, Vamshi , Praneeth , Hitesh | **08-09-2022** |
| Prepared the pseudocode and made the necessary corrections as suggested by madam | Kalyani ,Hitesh ,Praneeth | **08-09-2022** |
| Made all the necessary input files and listed out possible failure testcases. | Keerthi, Vamshi | **08-09-2022** |

**09-09-2022**

**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 DMA wherever needed etc in the code.
* Debugged the file using gdb commands.
* Discuss the workflow of the code and desired output.

**Action:**

| **Action Item** | **Responsibility** | **Planned Finish Date** |
| --- | --- | --- |
| Worked on all the above points | Kalyani ,Hitesh ,Praneeth | **09-09-2022** |
| Working on cunit | Keerthi, Vamshi | **09-09-2022** |

**10-09-2022**

**Agenda**

* Continued checking the working of code for a single file.
* Given all the necessary MACROS, structures, LinkedLists, used DMA 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 | Kalyani ,Hitesh ,Praneeth | **10-09-2022** |
| Making of Rainy and Sunny Test cases | Keerthi, Vamshi | **10-09-2022** |

**12-09-2022**

**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 | Kalyani ,Hitesh ,Praneeth | **12-09-2022** |
| Making of UT and IT Test cases | Keerthi, Vamshi | **12-09-2022** |

**13-09-2022**

**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 | Kalyani ,Hitesh ,Praneeth | 13-09-2022 |
| Creates the final reports | Kalyani | 13-09-2022 |
| Added invalid-valid functions | Kalyani, Hitesh ,Praneeth | 13-09-2022 |
| Created CUnit Files and IT testcases were checked. | Keerthi, Vamshi | 13-09-2022 |
| CUnit suites, test cases and make file were created and debugged to clear errors. | Keerthi, Vamshi | 13-09-2022 |