Group 4 – Airline Reservation System

**MINUTES OF MEETING**

**07-09-2022**

**Agenda**

* Create Multifile Multidirectory in Sprint Files folder
* 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 travel agents has been resolved and the names of the files from travel agents will be given as CLA.
  + Data must be given in such a way different test cases can be tested.
  + LinkedList of flights containing Flight ID, Airline name, date of flight and number of seats also declare a field for mutex.
  + An array of threads must be declared because the input of the file name will be given as CLA.

**Action:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Create Multifile Multidirectory in Sprint Files folder and add necessary files | Pravesh and Nikhil | **07-09-2022** |
| Draft SRS doc | Chirag | **07-09-2022** |
| Divide Tasks among team members. | Yashwanthi | **07-09-2022** |
| Assign a person for creating the input data files and testing. | Pravesh | **07-09-2022** |
| Assign a person to take care of the daily backup | Pravesh | **07-09-2022** |
| Discuss the workflow of the project | Yashwanthi and Nikhil | **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:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Made the DFD Level 0, DFD Level 1 diagrams and made the necessary corrections suggested by mam. | Chirag | **08-09-2022** |
| Made the flow diagram and story diagram. | Chirag | **08-09-2022** |
| Discuss the workflow of the code and desired output. | Nikhil,Yashwanthi | **08-09-2022** |
| Prepared the pseudocode and made the necessary corrections as suggested by madam. | Nikhil, Yashwanthi |  |
| Made all the necessary input files and listed out possible failure testcases. | Pravesh | **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:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Nikhil, Yashwanthi | **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:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Nikhil, Yashwanthi | **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:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on all the above points | Nikhil, Yashwanthi | **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:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Worked on mutex and rectified the errors | Nikhil, Yashwanthi | **13-09-2022** |
| Creates the final reports | Nikhil, Yashwanthi | **13-09-2022** |
| Added invalid-valid functions | Chirag, Yashwanthi, Nikhil | **13-09-2022** |
| Created CUnit Files and IT testcases were checked. | Nikhil, Pravesh | **13-09-2022** |
| CUnit suites, test cases and make file were created and debugged to clear errors. | Yashwanthi, Nikhil | **13-09-2022** |

**14-09-2022**

**Agenda**

* Made final corrections to code.
* Ran valgrind tool on the file.
* Filled the UT-IT document.
* Uploaded files to GitHub.
* Made presentation on the project.

**Action:**

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| **Action Item** | **Responsibility** | **Planned Finish Date** |
| Made final corrections to code | Nikhil, Yashwanthi | **14-09-2022** |
| Ran valgrind tool on the file | Nikhil, Yashwanthi | **14-09-2022** |
| Filled the UT-IT document | Pravesh | **14-09-2022** |
| Made presentation on the project. | Chirag | **14-09-2022** |