Conference Registration Management System

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Key features of the project

- User Authentication
- Storage of data
- Conference Registration for Users
- Conference Management for Admin

List of use cases

- *User Login*
- *User Registration*
- *Make Payment*
- *Modify Registration Details*
- *Modify Conference Details*
- *Modify Super User status*
- *Create Conference*

Structure of the database/ file system

- The database stores mainly two modules User and Conference.

- Two files store the list of users and conference.

- Then further each user has its own file containing all the details and same exists for the conference.

- Both User and Conference module have some lists and hence they are stored in separate files for each user/conference.

Things that could not be implemented

- The program could have been hosted on a live server so that multiple instances could have run simultaneously.

- The database is not secured i.e. anybody can easily access the files as they are being stored on the local machine only.

Statistics of unit and system testing

▶ Various of the test cases were identified on the basis of the use cases and the program went thorough rigorous testing.

▶ Most of the test cases were accounted for but some cases might have been missed due to absence of automated testing.

Stock Register

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List of Use cases tested (as mentioned in SRS)

- *Login*

- *Homepage*

- *Purchasing goods not in stock*

- *Delivering goods to customers*

- *Logout*

Statistics of the test cases

▶ Around 16 functions were tested

▶ Most of them worked correctly but there were around 3-4 functions which failed on some of the test cases.

▶ The main flaw in the program we faced that it was a bit chaotic as the lists of all the goods in the store was just populated on the screen which was not user friendly.

▶ Most of the features/variables were hard coded and hence it would be difficult for the end user to modify program according to one's needs.

Conclusion

▶ This project gave us an insight into working in software development with a new paradigm.

▶ It gave us the experience of coordinating and working into groups.

▶ Having a better command on OOPS is definitely one of the takeaways.

▶ Cross testing enabled us to learn to analyze and understand someone else's code rather than our own code.

Thank you