COLLEGE MANAGEMENT SYSTEM

SYSTEM TEST PLAN

Version -1.0
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Purpose

This document describes the plan for testing the developed software system against the software requirements as defined in the Software Requirements Document [SRD]. The purpose of these system tests is to make sure that the software system developed during the project complies with the definition of the software requirements. The planning of these tests will be done in the System requirement phase which will be finally be executed in the Software Test phase of the project.

Features to be tested

The College Management System will adhere to the requirements, which are documented in SRS.

Academics-
- Fee Receipt generation.
- Students Registration.
- Student Record
- Faculty Record
- Time Table Management.
- Result
- Issue of certificate.

Hostel
- Room Allotment
- Room wise resources distribution.

Mess

- Rebate
- payment

Transport

- Email or Sms Notifiacation for Driver and Faculty.

Extra Features-
- Feedback and Complaint System.

Test deliverables

The following items must be delivered before testing begins:

- The Software Requirements Document [SRD].
- This System Test Plan.
- System input data.
- Software to be tested.

The following items must be delivered when the testing is complete:

• System test report.
• System test output data.
• Problem reports (if necessary).

Tests

(a)Login Test, Log out Test --> Session Maintenance.

(b)   Admission --> Field Validation, Data Record Redudancy Avoidance .

(c)Exam Management --> Guaranteed Different output every time(Robust algorithm).

(d) Certificate Request --->sending request, request confirmation, In worst case, If all the students request for a certificate then list all rather than top ten or twenty. , No Redudancy of cerificates, Confirmation Notification after generation of certificate.

(e) Room Allotment --> No student gets more than one room, portal access when opened.

(f) Mess Payment--> Document Along with transaction number,Confirmation on accepting payment.

(g) ToDo --> Get proper notification regardoing ToDo.

(h) Course Material Upload --> upload at appropriate place not in others area.

Other Tests broadview
- ➔ Module Testing
- ➔ Integration Testing
- ➔ Security Testing
- ➔ Performance Testing (Alpha Testing)
- ➔ Beta Testing
- ➔ Acceptance Testing

Team Members

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