

Requirements		Type of Test(s) (I: Integration Testing, S: System Functionality Testing, O: Operational Acceptance Testing, UN: Unit Testing, US: Usability Testing, A: Acceptance Testing)	Pass or Fail (P: Pass, F: Fail)	Contributor (s) (SP: Shiv, DB: Dhruv, JB Jay, YK: Yash, SM: Sumer)
1. User Requirements				
1.1	Instructor must be able to start the session.	US, S	P	SP, YK
1.2	Instructors must be able to post multiple-choice questions to students using the platform	US, A	P	DB, SM
1.3	Students would be able to join the class as one big session.	US, A	P	SM, SP
1.4	The instructor must be able to start the poll and end the poll according to his convenience.	USA, I	P	SP, JB, DB
1.5	Instructor or student must be able to login or create a new account.	US, S, A	P	SP, YK, SM
2. Functional Requirements				

2.1	The platform must allow the students and the instructors to create and delete accounts.	S, A, I	P	JB, DB
2.2	The platform must allow the instructor to create and delete a course.	S, I	P	YK, SM
2.3	The platform must allow the student to join and leave a course.	S, A, UN	P	DB, SP
2.4	The platform must allow instructors to create a poll displayed to students.	S, O	P	SP, JB, DB
2.5	The platform must show the results of the poll to the instructor in real time.	S, O	P	DB, SM, SK
2.6	The platform must store data of students, instructors, and polls in a database, which can be retrieved by the application.	I, S	P	YK, JB
2.7	The platform must allow the instructor to create a session (for each lecture/speech) in which multiple polls can be created, and at the end, the session can be terminated.	S, A	P	SP, YK
3. Non-functional Requirements				

3.1	The application will be based on continuous integration (CI) and continuous development (CD). The changes could be made to the application according to the feedback with ease.	US, O	P	DB, JB
3.2	The poll should be shown to the students in less than 5 seconds upon the creation of a poll by the instructor.	US, A	P	JB, YK
3.3	If a poll is updated or deleted by an instructor, the changes must be updated in the database and visible to the students in less than 5 seconds.	O, US		DB, JB, YK
3.4	If a student changes their answer, it should be updated in the database within 2 seconds.	A, US		SM, DB
3.5	The application will be compatible with various kinds of operating systems, and devices with older software versions as well.	US, A	P	SM, JB
3.6	The application could also be used by various people with special needs. The accessibility will be increased by adding features like font adjustment, voice reading of the text, and more.	A, O	P	YK, SM

3.7	Any updates to the student or instructor account must be synched within the database in less than 30 seconds.	US, A	P	JB, SP
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