

SOFTWARE REQUIREMENTS SPECIFICATIONS

Version 1.0



TEAM 1: Software Engineering Project

“Endeavor’s Communication Portal”

24TH FEBRUARY ‘15

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1 DOCUMENT CONTROL

1.1 APPROVAL

The Guidance team and the client shall approve this document.

1.2 DOCUMENT CHANGE CONTROL

Initial Release	1.0
Current Release	2.0
Date of Last Review	24 th February '15

1.3 DISTRIBUTION LIST

This following list of people shall receive a copy of this document every time a new version of this document becomes available:

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Client: Endeavor

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1.4 CHANGE SUMMARY

Version	Date	Contributors	Description
1.0	24 th February '15	Aanal Patel, Pragnesh Patel, Heaven Patel	Created first draft
1.0	24 th February '15	Pratik Prajapati, Prerit Jain	Reviewed the draft

2 INTRODUCTION

2.1 PURPOSE

The System Requirement Specification is an organized way to collect all direct and indirect software requirements for the software to be developed. Purpose of the SRS is to document each and every minor system's specifications and requirements from the perspective of **Communication Portal**. It will serve as a guide for the developers on one hand and a software validation document for the prospective client on the other. The main motive of coming up with SRS is that it provides a contract between the client and the developers that they share same understanding of what is required, what needs to be done and what will be finally delivered.

This document is meant to describe the "external behaviour" of the system and "what" it is supposed to do i.e. its required functionality and all those factors which may also affect it. It discusses the functional, non-functional, performance and development requirements along with the deliverables due in the project. The first two sections give a general description of the scope and the features of the project, which are intended for the client. The rest of the document aims at guiding the developers in every stage of the Software Development Cycle. The specifications set forth in the document also provide a point of reference to the developers. The client side is also aided in keeping track of the project progress. Furthermore, this documents aims to give a necessary view of requirements for each stakeholder considering their responsibilities.

2.2 PROJECT SCOPE

The scope of this project is to specifically help the **Endeavor** to spread awareness about its activities to students and its faculty members. The Communication Portal being specified and its purpose, including relevant benefits, objectives and goals are as follows:

1. The Website on the client side will serve as platform to initiate any new programs and activities.
2. App would enable students to get updates about the recent events related to their specifications.
3. Communication could be established between administrator and students. Information about the schedules and upcoming events and changes in them can be posted emergently.
4. Personalized guidance can be provided.
5. Students profile along with their phone number can be automatically maintained.
6. Student's interest can be perceived from the questions he/she ask.

2.3 CLIENT AND STAKEHOLDERS

Client: - The Organizations for whom we are building our project.

Client Information:-

- Endeavor
- Mr. Parth Shah
- Mr. Devvrat Shamal

Stakeholders:-

- Client
- Course Instructor
- Developers (SEN Project Team 1)
- End user

2.4 REFERRED DOCUMENTS

1. Template of proposal from previous years teams for the Software Engineering course.
2. The course content (lecture slides) of Prof. Asim Banerjee for IT314.
3. IEEE Guide for Developing System Requirements Specifications (IEEE Standard, 1998 Edition)
4. IEEE SRS template
5. S.E.N, 2015, Group #1, Feasibility Report_v2.0
6. S.E.N, 2015, Group #1, Project Proposal_v2.0
7. S.E.N, 2015, Group #1, Project Plan_v2.0
8. S.E.N, 2015, Group #1, Survey
9. http://en.wikipedia.org/wiki/Software_Requirements_Specification

2.5 DELIVERABLES

The following documents will be submitted by the end of the project

- Project Proposal
- Feasibility Report
- Project Plan
- Software Development Life Cycle Model for the Project
- System Requirements Specifications (SRS) document
- Requirements traceability matrix
- Use Case Diagram

- System Test Plan
- User manual
- Test report
- The Final Tested System

These deliverables are written based on the software development phases that we have learned in the Software Engineering course. Some of the deliverables are taken from the previous year's proceedings that were followed in the very same course.

3 OVERALL DESCRIPTION

3.1 PROJECT PERSPECTIVE

The aim of our project is to build a website and an android application which will serve as a portal between Endeavor and its students. Nowadays the upsurge of smartphones due to the open source mobile operating system-Android had resulted in to plenty of students using the same.

So the idea is to constitute an application so that the organization (Endeavor) can reach to the students as well as the faculties of the interested areas instantly. So, while students have any doubt, they can communicate through the application directly to the Endeavor coaching classes. Also the application could act as the small notification centre and small facts and trivia can also be rendered.

3.2 PRODUCT FUNCTIONS

Our main focus will be on making communication between the organization and the students as easy as possible. Also the connection established between them should be efficient and in timely manner. One to one student and faculty communication would be further established which would be limited for just answering the particular question. A Home page – Putting up 5 new words daily on the home page, along with occasional GK facts, news, and math tricks, etc. Notification Centre – A mechanism for the institute to communicate with the student, by putting up a notification for important issues like exams, scores etc. Calendar, to show each student his schedule based on the batch and centre he is from. There is also an administrative access on the website side for the authority to delete any account and the authority to view the profiles of the students and the faculty members.

3.3 USER CLASSES AND CHARACTERISTICS

The user will be classified as follows:-

1) Student (Mobile-side):

- The students will use an android application on their respective tabs or phones for communicating with Endeavor.
- They have to compulsorily sign up by the user id and mobile number stored in the database of Endeavor in order to register them on the application.
- Mobile number confirmation
- Each student have their own profile
- Students can post queries and get notifications & messages from the administrator

2) Professor (Mobile-side):

- Every professor have their id and password given by the administrator
- Also each one has a profile to maintain
- Receive the queries forwarded by the Query Facilitator
- Answering the queries forwarded by the Query Facilitator

3) Admin (Website-side):

- Authority to view everyone`s profile
- Authority to delete an account , update an account
- Authority to add notifications on the notification centre with proper filters
- Authority to add personalized or group specific or broadcast messages and any kind of notifications (like schedules)
- Deleting the entries could be done by batch wise filters

4) Query Facilitator (Website-side):

- Authority to only view the profiles of students and faculties
- Authority to forward the queries posted by the students to the appropriate faculty

3.4 OPERATING ENVIRONMENT

We will be using Bootstrap, Ruby on Rails (ROR), Android SDK and SQLite for developing our project. Bootstrap will be used for website front end. We will use Ruby on Rails for developing website as back end coding. Android SDK provides API libraries and developer tools necessary to build, test and debug apps for Android as it will be used as back end and front end coding in eclipse. The main database creation will be on SQLite and queries will be executed through ROR.

3.5 ASSUMPTIONS AND DEPENDENCIES

For product development assumed factors are as follows:

- Assuming 100% server uptime.
- Users must be well versed in English so that student can answer questions correctly and effectively.
- Student should have own Android Phone.
- Student should have internet connection in their phone.

4 SPECIFIC REQUIREMENTS

4.1 EXTERNAL INTERFACE REQUIREMENTS

4.1.1 USER INTERFACE

The user interface would have four different varieties, based on the user profile. We will have a web based application for the Administrator of each branch and another web interface for the redirector at each branch. For all the students we will have a android app, wherein they have to register with their mobile number, and similarly, we will have an android app for the faculty.

The user interface at the Admin side will enable him/her to create and update databases, broadcast messages to students, select students based on some criteria. The interface on the redirector's side will provide him with an automated suggestion for the faculty to redirect the question to. He/She can also choose to manually redirect and will have read-only access to the database of faculty and students. The student side interface will allow the student to receive messages, post queries and post discussions. The faculty interface will allow the faculty to receive and respond to queries appropriately.

4.1.2 SOFTWARE INTERFACE:

Software	For
RUP , Microsoft Office Project 2003	Project Planning and Management
Eclipse IDE	developing android application
ROR Framework	Developing Web based Application
Android Emulator plug-in	Android Application Testing
Git	Version Control
MySQL	Database Management
Google Docs and Google Groups	Team coordination and document sharing
Dia	Dataflow, E-R and Design diagrams
WAMP	Testing and implementing ROR scripts

4.1.3 HARDWARE INTERFACE

The faculty and student side of the application will run on an Android based mobile device which will be used by the students to ask queries and faculty to answer them. On the server side, there will a computer for both admin and the redirector, to manage database, send messages and redirect queries.

4.1.4 COMMUNICATION INTERFACE:

At the faculty and student side there would be a mobile Android based application and device. On the Administrator and Redirector side there will be the computer display screen running an Internet browser. Browser Compatibility testing will be carried out to know specific browser requirements in terms versions etc.

4.2 SYSTEM FEATURES:-

The interfaces for the server side (Admin and Redirector), the client side on the mobile app (used by the students and Faculty) are all different according to their varied needs.

4.2.1 FOR STUDENTS (MOBILE APP):

1. Register

On their Android devices, the students can register once using the mobile number, and the account will be automatically created. In will be a one-time login.

2. View Profile:

Students can view their own that are stored in the database

3. Receive Messages:

Students can receive messages from the Administrator and the faculties as a response to their queries. These messages can contain media like videos/pictures/audios.

4. Post Queries:

Students can post queries. There will be a form to specify the subject and the query. This will be sent to the Admin.

5 View Queries:

The Students can view the queries posted by them earlier, and their answers.

6. Post discussion:

Students can post a discussion to be viewable to other students.

7. View Notifications:

Students can view notifications as posted by the admin.

4.2.2 FOR ADMINISTRATOR (WEBSITE):

1. Login:

The administration will have a web based application, and access will be provided on the basis of a user-name and password.

2. Update/ Create database:

The administration can upload excel files to populate the database. He will also have the facility to add/delete/search/update the database manually.

3. Send Messages:

The admin will have the functionality to send personal messages to the faculty and to the student. She/he will also have the facility to send broadcast/multi-cast messages.

4. Filtered search and Selection from Database:

The admin can search and select students/faculties based on various selection criteria. For example: he might want to send a message to all students of a particular college, irrespective of their batch/centre.

5. Post Notifications:

Administrator can post notifications for the common benefit of students, like an upcoming common test, or an announcement of a public holiday.

4.2.3 FOR REDIRECTOR (WEBSITE):

1. Login:

The redirector will have a web based application, and access will be provided on the basis of a User-name and Password.

2. Access the faculty database and student database (read only):

The redirector can access the database of queries, students and faculty in a read only mode, to facilitate redirection of queries.

3. Redirect Queries:

The redirector will have the facility to redirect queries either manually or based on the suggestion provided by the automated algorithm.

4.2.4 FOR FACULTY (MOBILE APP):

1. Login:

Faculty have the functionality to login once using their registered mobile numbers.

2. Receive messages:

Faculty can receive messages sent by the Administrator.

3. Receive and reply to Queries:

Faculty can receive queries as redirected by the redirector, and reply to them using text, video, audio etc.

4. Edit Availability status:

Faculty can edit their availability status so as to inform the redirector of their absence/presence regarding answering queries.

4.3 FUNCTIONAL REQUIREMENTS:

The functional requirements describe the intended behaviour for desired functioning of the product. They are organized into use cases as follows:

Use Case 1:

Use Case	Student Registration on Android Device
Description	Registration
Actors	<ul style="list-style-type: none">a. Studentb. Administrator
Assumptions	<ul style="list-style-type: none">a. Registration screen is always available first on downloading the client application.b. The phone number is same as mentioned in the databasec. The registration number is same as mentioned in the database.
Steps	<ul style="list-style-type: none">a. Enter Phone numberb. Enter Registration numberc. Receive coded. Enter code
Variations	<ul style="list-style-type: none">a. If registration or/and phone number do not match, then registration is cancelled and has to be restarted.
Non-functional	Inform actor about registration success by showing a message-"You have registered successfully"
Issues	What if phone number changes?

Use Case 2:

Use Case	Faculty Registration
Description	One time registration based on ID and phone number
Actors	Faculty
Assumptions	Phone number and ID match with the ones mentioned in the database. The registration is one time.
Steps	Download the app Enter the phone number and the ID Get a code Enter the code Enter the App.
Variations	None
Non-Functional	Inform actor about registration success by showing a message-"You have registered successfully"
Issues	<ul style="list-style-type: none">a. GPRS/3G connection of the phone is lost.b. Sudden Battery downc. Request Timeout

Use Case 3

Use Case	Administrator Login
Description	Logging in at the Server Side.
Actors	a. Administrator
Assumptions	a. Web Interface is reachable. b. Login screen is loaded on reaching the server side web interface. c. Login user-name and password are known
Steps	a. Enter User-name b. Enter Password
Variations	a. If user-name and password have been set to “remember me” then click login straightaway. b. Wrong Password and Wrong User-name, login cancelled c. Wrong password or Wrong User-name, login cancelled
Non- Functional	None
Issues	What if Password or user-name is/are forgotten?

Use Case 4:

Use Case	Redirector Login
Description	Logging in at the Server Side.
Actors	a. Redirector.
Assumptions	Login option is available User-name and password are known
Steps	Click Login Enter details
Variations	None
Non- Functional	None
Issues	None

Use Case 5:

Use Case	Creating and sending a query
Description	Student creates a query by filling up a form and sends it to the admin
Actors	a. Student b. Redirector
Assumptions	a. GPRS/3G connection already established b. Student provides the subject of the query.
Steps	a. Fill in the subject tags. b. Fill in the question. c. Submit information

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Variations	<ul style="list-style-type: none">a. If query is not sent, inform the student.b. Subject Tag and Text are both required fields so submission not possible without their entries.
Non-Functional	Inform student if query is sent successfully.
Issues	<ul style="list-style-type: none">a. What is GPS data is not reachable?b. What if GPRS connection is lost in between activity?

Use Case 6:

Use Case	View all queries and redirect the new ones
Description	View Queries according to priority and redirect them
Actors	<ul style="list-style-type: none">a. Redirectorb. Faculty
Assumptions	<ul style="list-style-type: none">a. GPRS/3G connection already establishedb. Redirector has logged in.c. Redirector has access to faculty database.
Steps	<ul style="list-style-type: none">a. Read and understand queryb. Either redirect manually or follow automatic redirection.
Variations	If there is no faculty available, put the query in waiting.
Non-Functional	Display message, "query has been redirected successfully"
Issues	<ul style="list-style-type: none">a. What if GPS data is not reachable?b. What if GPRS/3G connection is lost in between activity?c. What if faculty database is not reliable?

Use Case 7:

Use Case	Reply to a query
Description	View Queries and according reply
Actors	a. Student b. Faculty
Assumptions	d. GPRS/3G connection already established e. Faculty has logged in. f. Query has reached faculty.
Steps	c. Read and understand query. d. Reply using the editor. Can add pictures/audio/video
Variations	If the faculty has received faulty query, he/she can send the redirector a message.
Non-Functional	Display message, "query has been answered successfully"
Issues	d. What if GPS data is not reachable? e. What if GPRS/3G connection is lost in between activity? f. What if query reply does not reach student?

Use Case 8:

Use Case	Post Discussion
Description	Post discussions to be shown in notifications of other students.
Actors	a. Students
Assumptions	a. GPRS/3G connection already established.
Steps	a. Type topic and text b. Post discussion.
Variations	If post is not displayed, refresh
Non-Functional	Display message, "post has been displayed successfully"
Issues	g. What if GPS data is not reachable? h. What if GPRS/3G connection is lost in between activity?

Use Case 9:

Use Case	Create/Update Database
Description	Populate database using excel sheets, or manually edit it.
Actors	a. Administrator
Assumptions	g. GPRS/3G connection already established h. Administrator has logged in. i. Administrator has access to complete database.
Steps	e. Upload excel sheet f. Search for the record to be deleted/edited. g. Edit/delete the record.
Non-Functional	Display message, "database changes have been saved successfully"
Issues	i. What if GPS data is not reachable? j. What if GPRS/3G connection is lost in between activity? k. What if database is corrupted?

Use Case 10:

Use Case	Send mutlicast/personal messages
Description	View Queries according to priority and redirect them
Actors	<ul style="list-style-type: none">c. Redirectord. Faculty
Assumptions	<ul style="list-style-type: none">j.GPRS/3G connection already establishedk. Redirector has logged in.l.Redirector has access to faculty database.
Steps	<ul style="list-style-type: none">h. Read and understand queryi.Either redirect manually or follow automatic redirection.
Variations	If there is no faculty available, put the query in waiting.
Non-Functional	Display message, “query has been redirected successfully”
Issues	<ul style="list-style-type: none">l.What if GPS data is not reachable?m. What if GPRS/3G connection is lost in between activity?n. What if faculty database is not reliable?

5 NON-FUNCTIONAL REQUIREMENTS

5.1 PERFORMANCE REQUIREMENTS

We have two different types of interface. Server-side is a website and student side interaction will take place through mobile application. Since there can be an uncertain number of the application users, our system should be able to handle the sudden burden of login requests, from the side of server as well as students. This is achievable by implementing the application at a server with high configuration, i.e. a system that will efficiently handle multiple client requests simultaneously.

The common database would be shared and updated by the organizations' administrators depending upon permission/restriction level. Different category of users will be provided with different access/modify permissions. The application would be accessible to users at all times-i.e. the server would be on all the time

5.2 SAFETY AND SECURITY REQUIREMENTS

The end users, organizations and administrators will be given „unique user-name along with password to access the user account. If any user logs out, then the session is said to be closed and he has to login again to use the software by simply pressing back button of the web-based interface or application.

Different levels of authority and permission are allotted to different category of users. The host computer must be well protected from viruses and other internet based threats in order to avoid crashing of server system, as it is the most crucial of all the components.

Database should be secured with appropriate passwords and data backup options. Any change in the information of any registered user in the module shall be reflected immediately in the database. One user cannot modify other user's profile of other student.

5.3 SOFTWARE QUALITY REQUIREMENTS

1. Maintainability

The user must be able to browse through accessible part of the application without any difficulty. All the requirements and system features are well documented in both, soft (in-built help) and hard versions user manuals which we intend to ship along with the product itself. Along with it, the user interface developed will be simple. Both these factors will attribute to efficient utilization of resources by user.

2. Portability

The website can be accessed from any web browser, mobile browsers on smart phones. The android application can be accessed from any android-enabled device having latest updated browsers is preferred for better experience. Having a quick internet connection is preferred for a smooth experience. Having a good RAM on mobile device is preferred for better functioning of the application.

3. Usability

The website and app shall provide a self-explicable user friendly interface such that it is usable with minimum extent of struggle. All steps of the development will be well documented to ensure maintenance of the product through lifetime.

4. Reliability

Whenever an operation which is not allowed is performed, system will generate a signal and an error dialogue box would be shown.

6 APPENDIX A-REQUIREMENT GATHERING

This section includes all the interaction session of team members with client.

6.1 VISITING ENDEAVOR

6.1.1 ENDEAVOR AHMEDABAD

Date: - 12th February 2015

Venue: Endeavor, Ahmedabad

We met **Miss Vaishnavi Shah** who works in Endeavor. Here we had a small talk with her about our Project Quiz App. Here we told her about our Project. Following Question asked by her about our Project:-

Q1. Give us some idea about your Project.

Our aim is to create a system which caters to the need of the student, as well as the institute. Thus, we will be developing a mobile app for the student, and a server side website for the institute. Both will have their own set of features, for the convenience of respective parties.

Q2. What is your Features in this Project?

Features on student side (Mobile app):

- Quizzes on – Vocabulary, Basic mental calculation, Quantitative Aptitude, other verbal exercises, Data Sufficiency etc. quizzes which aim to sharpen the skills required for various aptitude based exams, like GRE, CAT, GMAT, GATE etc.
- One on one challenge, which calculate score based on accuracy and speed, as is essential in such exams.
- Leader boards for all quizzes, to inculcate healthy competition and also provide a tentative estimation of a student's capabilities compared to his peers.
- Home page – Putting up 5 new words daily on the home page, along with occasional GK facts, news, and math tricks, etc.
- Notification Centre – A mechanism for the institute to communicate with the student, by putting up a notification for important issues like exams, scores etc.
- Calendar, to show each student his schedule based on the batch and centre he is from.
-

Features on institute's side:

- An interface to enter the ID and registration numbers of all students, so as to enable them to login using the same.
- Administrative access –
- The authority to delete any account
- The authority to view the leader boards and individual scores of any student
- An interface to add new quizzes, new words, new content on the home page and notification centre.
- An interface to add the calendars and schedules for all batches, and to send out mass notifications.

After this small conversation Miss Vaishnavi shah told us we will see your Project Proposal later and inform you soon

6.1.2 ENDEAVOR AHMEDABAD

Date: - 16th February 2015

Venue: Endeavor, Ahmedabad

We met **Miss Vaishnavi Shah** who works in Endeavor. We had a great conversation with him and their colleague. We first asked him for project requirements. After listening and understanding their requirements we asked some question about their requirements and for our project.

Q1. Did you go through our project proposal? What are your thoughts about our project proposal?

Yes, we went through your project proposal, it was quite good, but we don't need any quizzing app and we would like to propose a new project to you.

Q2. What is your proposal?

We already have systematic quiz schedule, but what we need is an app that will be helpful for us to communicate with the students, send them updates about the lectures, inform them about the released form or result, clear any particular doubts they have etc.

Q3. So, what are the main functionalities of the required application?

The students in this institute are from various colleges and are studying different courses at numerous locations, one main thing we want in the application would be that we should be able to select a number of students of a particular college or location and courses and send them a message informing them about anything like a change in schedule, upcoming test, etc.

Q4. Other feature that you want in the app?

One other thing we like in the application is a notification thing. Suppose we want to inform the students about a released form, or any other recent news to the students we can use the notification thing.

Q5. Would this notification thing be different than that of message broadcasting thing that you mentioned above?

Yes this is totally a different thing than that of the broadcasting.

Q6. What is the clear difference between the message broadcasting and the other notification feature?

See, have you seen Facebook? The two different things that can be seen there are news feed and a message inbox. Broadcasting would be sending a message to all the students of certain categories that can be selected with the use of tags to their profiles and notifications is like news feed which contains all the recent news about any activity related to course, result etc. we post in the application. In another way the messages will be received by the students in their inboxes and the notification will stay on the homepage will not go away until replaced by another latest notification similar to the news ticker used by the TV news channels.

Q7. What was that other thing about the query that you mentioned before?

Yes, it is another function that we would like the application to perform. The students should be able to post their query in the app and then query should be forwarded to the respected faculty which will clear the query that a student has.

Q8. Should the query be automatically be forwarded to a faculty or an admin should do this job?

No, the query posted by the students should be forwarded by a person but not the admin as this job of forwarding the query is a small job and should not require admin privileges. Moreover we do not want to provide admin privileges to that person.

Q9. Will you require a new profile to carry out the task of query forwarding?

Yes we will require that new profile for forwarding the queries to the appropriate faculty.

Q10. Do you want the students to comment on the various posts?

Yes, the students should be able to comment on the notifications post.

Q11. Should a student be able to view a query posted by another student?

No, the student should not be able to view another student's query post.

Q12. Is there any particular type of design and interface that you would like to see in the final product?

No, we don't have any particular design in mind, you are free to design the app in any way you would like.

Q13. What are your requirements?

First of all we need the students to have different tags according to their course, branch, location, field, year etc. so that we can easily broadcast a message to the required students and at the same time a query posted by a student can be dealt with efficiently by the respected faculty. The query posted by the student should be forwarded by an entity to the appropriate faculty. This query handler entity should not have any other task other than that of forwarding the query. Each student should have a notification area where various announcements made by the faculty can be seen. The application should have login credentials based on the mobile number and email-id, like whatsapp the student should only be able to login from a registered mobile number. Students should be able to comment on the notification post made by the faculty.

Q14. What information do you want in every profile (students, faculty, admin, query handler) or how every profile works?

We already have students' information and unique id in our system but in application we want every student with a tag. Students can have tags like course, branch, location, field, year, etc. Also faculty will have specific categories like location, branch, field etc. for some important broadcasting and some queries related to them. We want query handler profile that can only forward queries which faculty have requested to forward to specific person (faculty) with specific expertise. Admin profile will administrate all the profiles and will handle all the things.

6.1.3 ENDEAVOR AHMEDABAD

Date: - 19th February 2015

Venue: DA-IICT Cafeteria

This time we talk to **Mr. Parth Shah** and **Mr. Devvrat Shamal** at DA-IICT cafeteria. They told us their exact requirements in details. Here our questions are as follows.

Q1. So, what are the main functionalities of the required application?

The students in this institute are from various colleges and are studying different courses at numerous locations, different branches, register for different courses (GRE, CAT etc.), and different colleges. One main thing we want in the application would be that we should be able to select a number of students of a particular college, for a particular branch (CS, Mechanical etc.), location and courses and send them a message informing them about anything like a change in schedule, upcoming test, etc.

Q2. What is Your Database requirement?

We want a database for Student, Faculty, Query Posted by student, Answer reply by Faculty, Notification.

Q3. Should the query be automatically be forwarded to a faculty or an admin should do this job?

No, Query should not directly forward to a faculty. Query should first go to Redirector and then redirector forward to Faculty.

Q4. How many user classes you want from us?

We want four user Classes:-

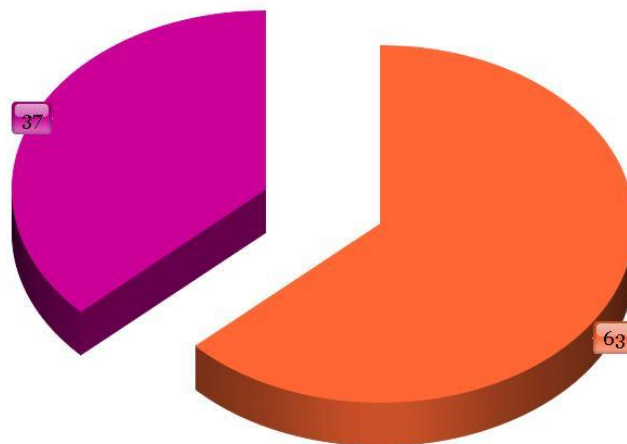
1. Student
2. Professor
3. Admin
4. Redirector

Some questions were already asked in previous meeting. So, we just confirm it by telling them these are the possible requirement you told us in previous meeting. So, finally they told if we want any change in requirement we will inform you.

6.2 QUESTIONS AND RESULTS OF ONLINE SURVEY FOR STUDENTS:-

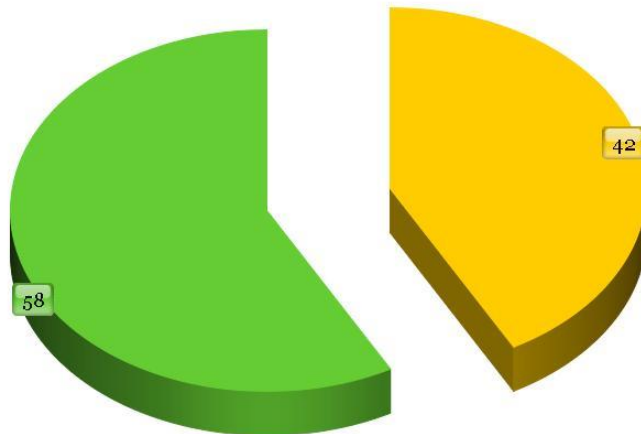
Which method you will use for Queries and doubts solution ?

■ Face to face contact with instructor ■ Online queries solution



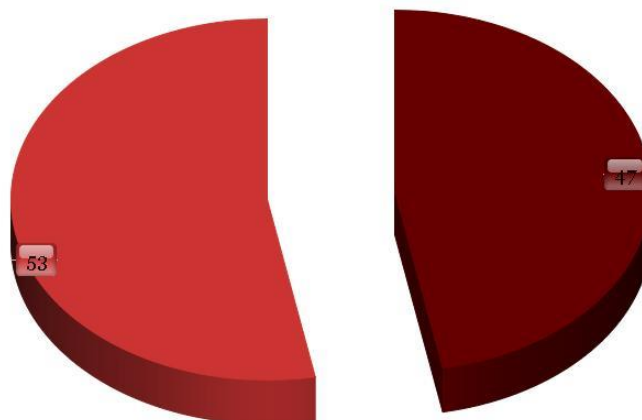
You are comfortable with computer website or mobile application ?

Computer website Mobile application



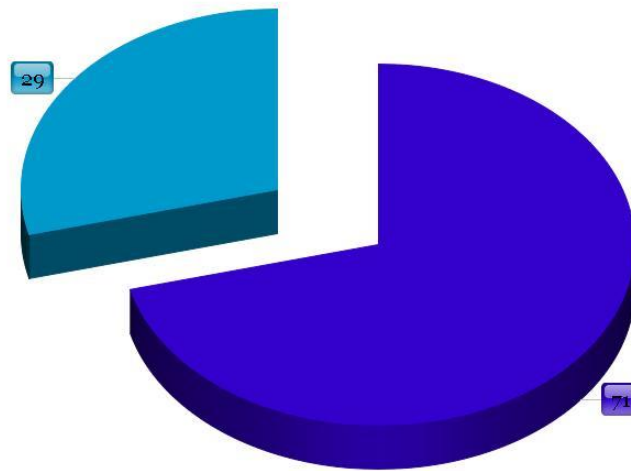
Would you prefer online handout method or offline handout method ?

Offline handout method Online handout method



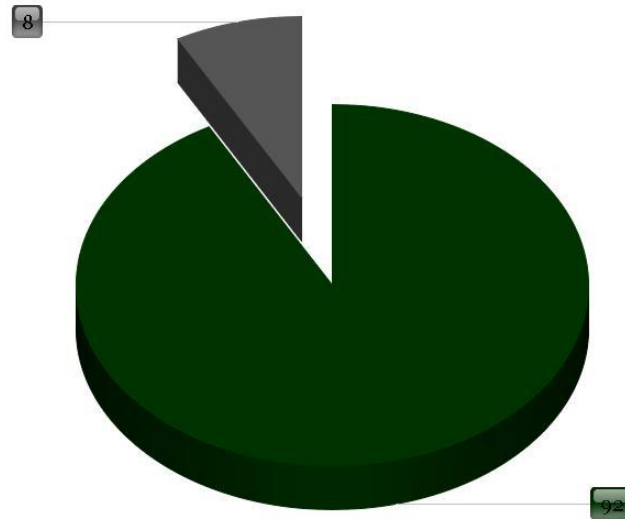
Would you prefer online registration or offline registration of the course ? Eg : CAT, GATE etc

■ Offline registration ■ Online registration



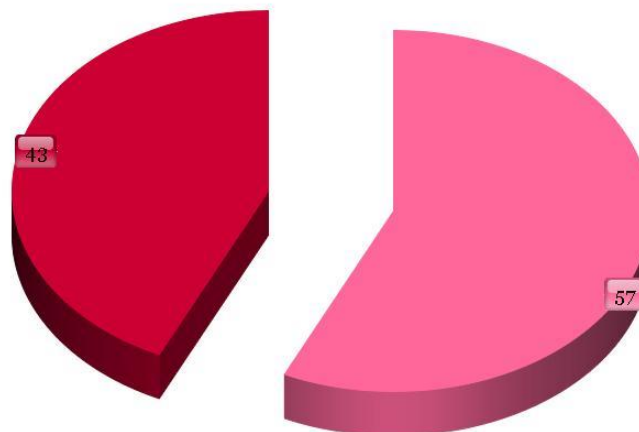
Would you prefer to rank yourself in your particular course in your particular batch ?

■ Yes ■ No



How would you prefer to get the updates of your course and other things related to your course ?

■ SMS ■ Mail



Using online website and mobile application is useful as compared to offline mode ?

■ Yes ■ No

