

AN ANDROID BASED MOBILE APPLICATION FOR CAREER
GUIDANCE



AIM OF THE PROJECT

The paper discusses the design and development of an android application which provides **career guidance to the students.**

The application can be used by students and parents as it provides complete details of colleges like tuition and **accommodation fees, eligibility criteria, campus placement opportunities, accommodation facilities, scholarship schemes, campus support services, rules and regulations etc.**

It helps students to select colleges in engineering and management field in India and abroad based on the factors like **qualifying exam details, technical expertise** and other details.

The college list is filtered based on parameters like institution ranking, fee limits and location chosen. The registration to selected college involves student **extensive details and Aptitude Test (AT).**

The Aptitude Test is multiple choice question (MCQ) based and includes verbal section, quantitative section and general knowledge.

The application will help the students to get the most appropriate college and the course in the field of their interest in India or abroad.

The application prepares the college list as per the entrance examination marks and the **eligibility criteria of colleges and the courses chosen.**

OBJECTIVE OF THIS PROJECT

1

The career guidance in terms of discipline, college and course after higher secondary education has always been an important area of concern to students, parents and college authorities.

2

The student may possess good score in PUC II and the entrance examination, their parents may not have a complete knowledge of good colleges and courses in the field of their interest.

3

An average scorer usually finds difficult to search an appropriate college and to get the admission in it.

4

An ambitious student with excellent academic record may look to pursue his graduation in a prestigious institution inside India or abroad and interested to know about factors like institute ranking, scholarship facilities, facility for research, campus placement, industry collaborations, etc.

5

In general, every student and parent is concerned about fee structure, location of the institute, institute affiliation, campus placement, hostel facilities, rules and regulations etc.

REQUIREMENTS

1 HARDWARE:

Processor : Intel 3

Motherboard : Intel mother
board – VTx Enabled

Ram : 4 gb

Hard disk drive : 500 gb

2 SOFTWARE:

Front end : html5, css3,
bootstrap

Back end : php, mysql

Control end : angular java
script

3 Android TOOLS:

Android Emulator

xampp-win32-5.5.19-0-
VC11

Android Studio

4 PHP Tools:

xampp-win32-5.5.19-0-VC11

DISADVANTAGES OF EXISTING SYSTEM

Lack of privacy

Risk in the management of the data.

Less Security

Low co-ordination between

Less User-friendly

Accuracy not guaranteed

Not in reach of distant users.

There is no storage and automation if users have some enquiry.



EXISTING SYSTEM

Its manual process for earlier system.

Its more time consume for all process.

Need for more resources.

Its chance to lose our record or data.

PROPOSED SYSTEM



On-line Exam system Aptitude Test (AT) is designed for Educational Institutes (like schools, universities, training centers).



The system handles all the operations, and generates reports as soon as the test is finish, mark will be updated to admin.



Allow students to see or display his answers after the exam is finish.



Allow students to see or display his answers after the exam is finish.



The type of questions is only multiple choice or true and false.

A photograph of a man with short brown hair and a beard, wearing a dark blue button-down shirt. He is sitting at a desk, looking down and writing in a white notebook with a red pen. In the background, there is a large green plant and a window with a white frame.

ADVANTAGES OF PROPOSED SYSTEM

Easy to use because all Details of career guidance servicing will quickly available 24 x 7 on mobile.

It can be easily accessed globally with help of Internet.

Maintaining records will be easier because all details are stored in database and retrieved easily from it.

Interactive and attractive design.

Provides online career guidance and servicing easily.

User can easily take the test for career guidance

MODULE LIST

USER

Register

Login

Search by location

Apply for college

Write aptitude exam

step 1

step 2

step 3



CAREER OPPORTUNITIES

ADMIN

Login

Apply for college

Update aptitude exam

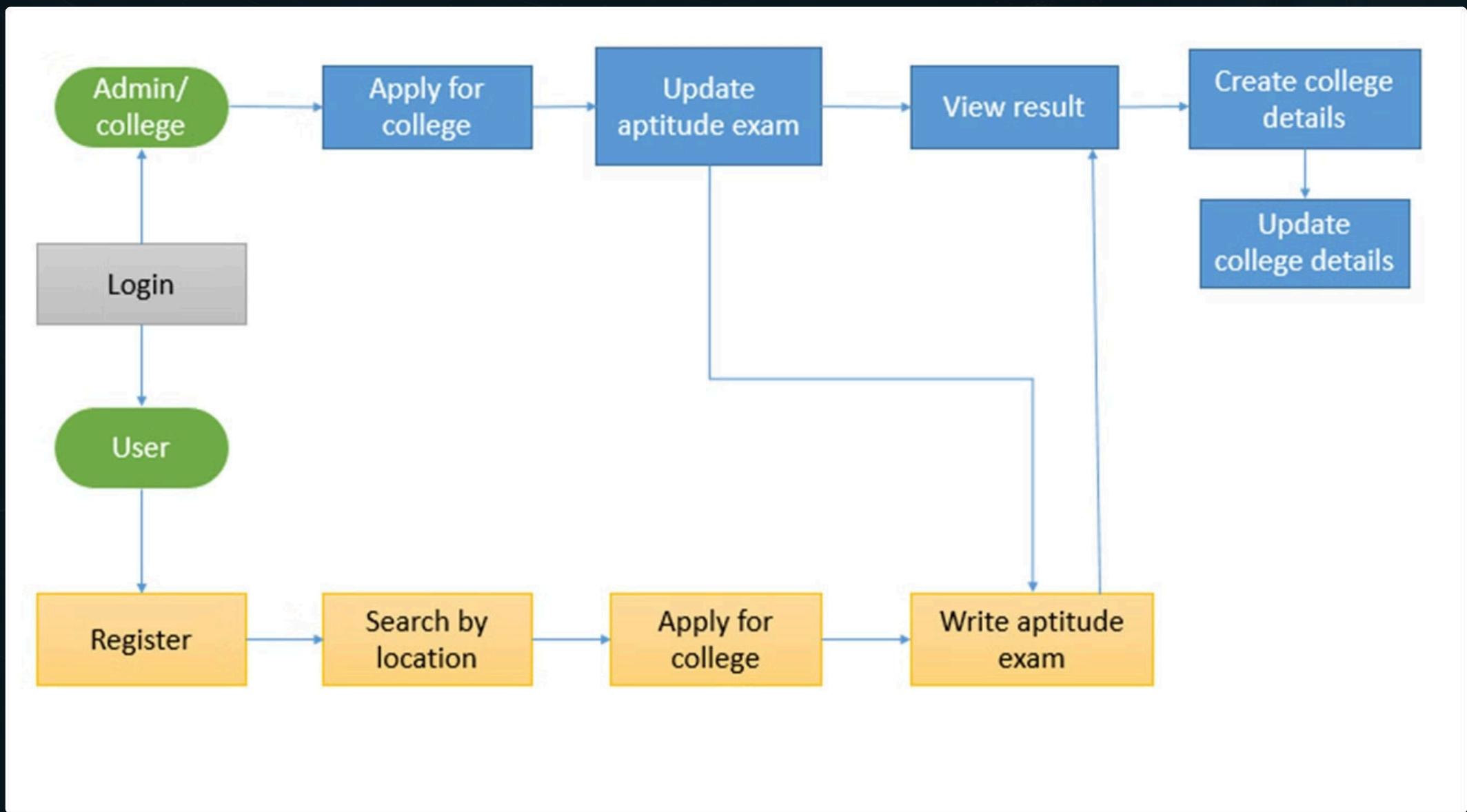
View result

Create college details

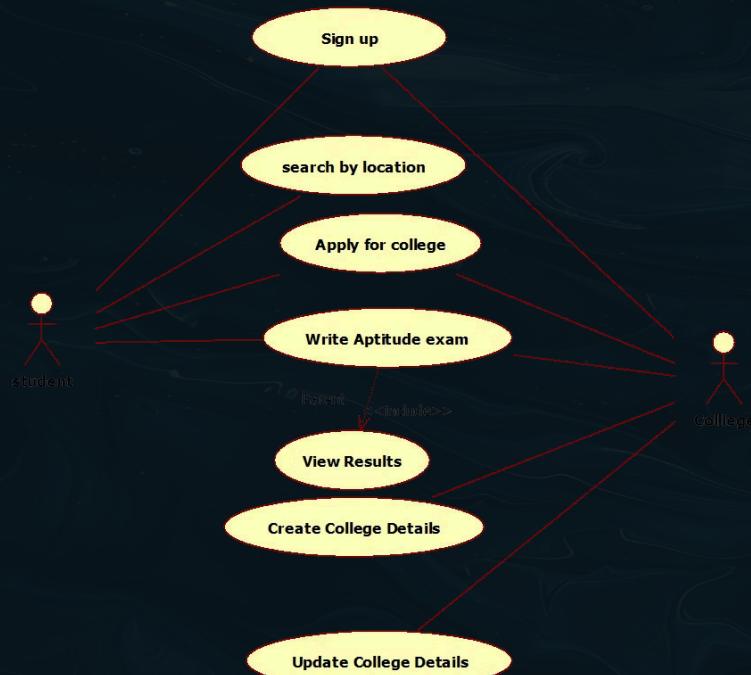
Update college details

DIAGRAMS

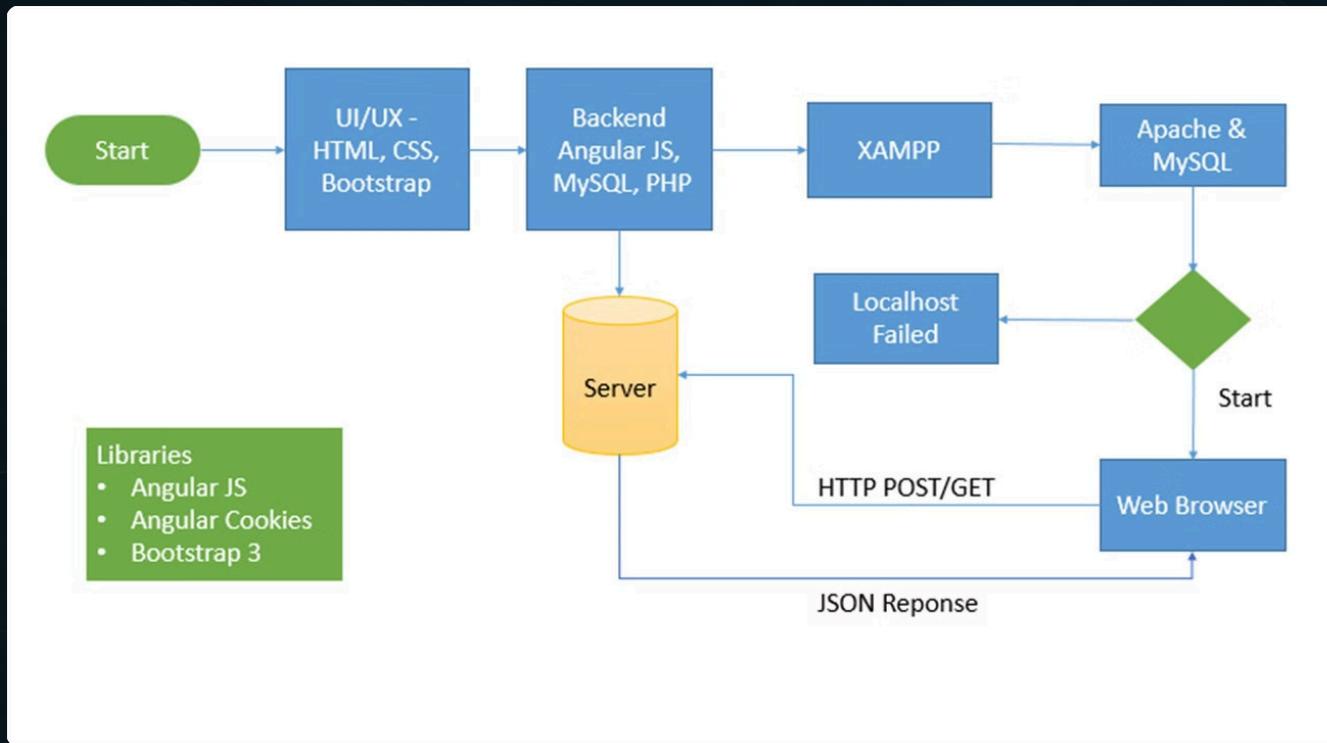
ARCHITECTURE DIAGRAMS



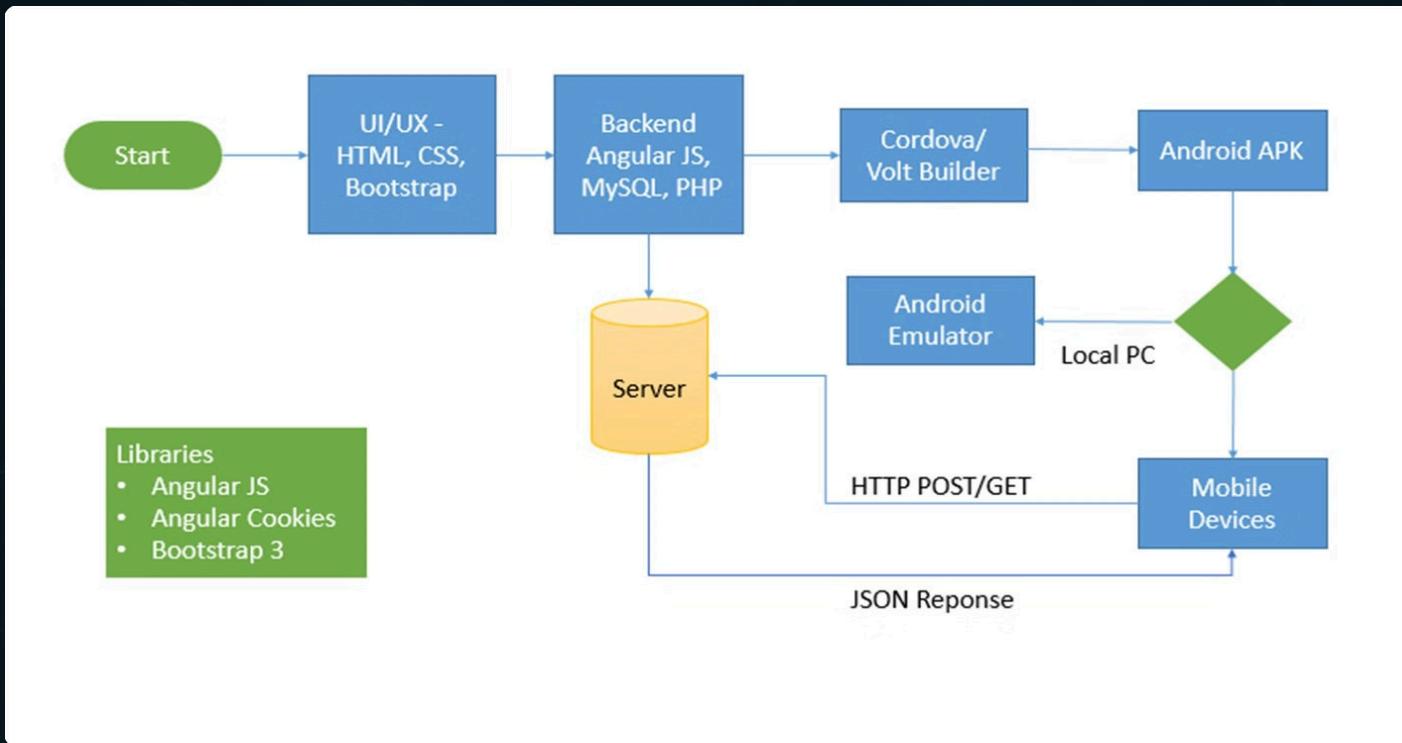
USE CASE DIAGRAMS



WORKFLOW DIAGRAM FOR WEB APPLICATION



WORKFLOW DIAGRAM FOR ANDROID APPLICATION



CONCLUSION

The android based mobile application is developed with an aim to provide students an easy to use application for career guidance.

The user interface is designed to be simple, user friendly and easily understandable. With this app.

The student and parent will be able to select colleges and courses in India and abroad pertaining to engineering and management discipline.



FUTURE ENHANCEMENT

In Future work, This application to develop a cross platforms like IOS, etc.

In adding the more features Career management application to develop access with user's flexibility.

To authenticate the users based on the system users list which is maintained by the operating system

To restrict the usage of all files by the users based on their privileges on the system