Quality attributes for students to get information about their career progress & relevant examinations:

* Performance measure

A performance measure characterizes a metric that expresses the measure of work an application must perform in a given time, and additionally due dates that must be met for right task. In this situation, the application should bolster different exchanges every moment, where every single understudy inquiry ought to be prepared in less time and put away in the database effortlessly.

* Response Time

This is a measure of the quickly an application displays in handling a business exchange. Reaction time is regularly related with the time an application takes to react to some information. A quick response time enables clients to work all the more adequately, and thus is useful for question preparing. A brilliant model is changing of UI starting with one action then onto the next. At the point when a goal is changing – the reaction time characterizes how viable the application really is.

* Scalability

This is helpful in a structural setting. It tells us that scalability is about how a program can scale to some part of the application's necessities expanding in size. To end up a solid quality trait necessity - the application must scale as per client inputs.

* Deployment

How does the deployment associated with conveying or changing an application to an expanding client base develops? This would incorporate exertion for dispersion, setup and refreshing with new forms. A perfect arrangement would give robotized components that can powerfully convey and design an application to another client, catching enlistment data all the while. This is very essential for modifying and adding new functionalities and components if the deployment phase can be dynamically configured.

* Security

At the architectural level, security boils down to understanding the precise security requirements for an application, and devising mechanisms to support them.

The most common security-related requirements are:

Authentication: Applications can verify the identity of their users and other applications with which they communicate.

Authorization: Authenticated users and applications have defined access rights to the resources of the system. For example, some users may have read-only access to the application’s data, while others have read–write.

Encryption: The messages sent to/from the application are encrypted. l Integrity: This ensures the contents of a message are not altered in transit.

Nonrepudiation: The sender of a message has proof of delivery and the receiver is assured of the sender’s identity. This means neither can subsequently refute their participation in the message exchange.

Integration: Integration is concerned with the ease with which an application can be usefully incorporated into a broader application context. The most widespread strategies for providing integration are through data integration or providing an API. Data integration involves storing the data an application manipulates in ways that other applications can access. This may be as simple as using a standard relational database for data storage, or perhaps implementing mechanisms to extract the data into a known format such as XML or a comma-separated text file that other applications can ingest.

In the student application, the developer can assign customer privileges according to the user intent.

* Portability

Can an application be easily executed on a different software/ hardware platform to the one it has been developed for? Portability depends on the choices of software technology used to implement the application, and the characteristics of the platforms that it needs to execute on. The student applet should be portable enough to handle different sets of architecture and hardware/software base.

Questionnaire & Quality attributes

Name: Date:

Age:

Date of Birth:

Profession:

Marital Status:

Education:

Employment:

Income:

Address:

**Customer Satisfaction questionnaire:**

Using applications is an integral part in everyone’s life. Considering the fact that all of us are on majority of the social networking platforms that are present, it is important to understand the values that the users associate with a particular application and given another application would they switch to it or still use the old one. Given below is a list of questions that we would like to ask all users:

Here, 5 – is the highest rating while 1 – is the lowest

1. How satisfied are you with your social media experience?

O 5 O 4 O 3 O 2 O 1

2. Was it easy to use the features of your social media application?

O 5 O 4 O 3 O 2 O 1

3. How helpful was the support and FAQ section in helping you out with the using of the app?

O 5 O 4 O 3 O 2 O 1

4. The internet usage was optimised?

O 5 O 4 O 3 O 2 O 1

5. Was the efficiency and speed of the application extremely good?

O 5 O 4 O 3 O 2 O 1

6. Would you be willing to get yourself enrolled for beta testing for the particular application that you used?

O 5 O 4 O 3 O 2 O 1

7. Do you think that there needs to be a change in how the app works?

O 5 O 4 O 3 O 2 O 1

8. On the given scale, how satisfied would you be if we introduce an encrypted and hashed system to improve security?

O 5 O 4 O 3 O 2 O 1

9. Are you happy with the way the tabs are positioned in the application?

O 5 O 4 O 3 O 2 O 1

10. Would you want to have an analysis report of your monthly application usage?

O 5 O 4 O 3 O 2 O 1

11. How would you value our application as compared to the others present in the market?

O 5 O 4 O 3 O 2 O 1

12. Would you as a customer recommend others to use our application?

O 5 O 4 O 3 O 2 O 1

13. Are you happy with the quality of the application?

O 5 O 4 O 3 O 2 O 1

The following questions have been chosen because:

1) They would help us in knowing the current satisfaction levels of users

2) It would also tell us the improvements that we could make in our application

3) The users could tell us the shortcoming of our product

4) The using of the application could be a cumbersome process, so user willingness would be of utmost importance and

5) It is important for a company to understand the current trends and then deliver accordingly.

Likert Scale was used in our questionnaire because it would help us to determine Guttmann’s Coefficient and thus determine satisfaction levels of the user. We have chosen a 5 point scale instead of a seven point one because it gives us more accurate results and helps in understanding our users in a better and more efficient way.

A few subjective questions that we would like to ask to get better understanding of what the users would want or expect would be

1. Are there any competitors who you feel could give competition to the app that you are using?

2. Any new features that you would like us to incorporate in the near future?

3. Would you prefer to pay for premium content and make in app purchases?