

OOAD

Lab#2: System Requirements List

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Interview summary

We have lots of tutors both online and offline. The problem is you do not know whether the tutor is good or bad. Therefore, we develop this application to be the middle man, providing a pool of tutors, allowing you to get the tutor that suits you the most, choosing from the recommendation feature in the application which would find the tutor(s) that matches most to your specifications, or needs.

Functional System requirement

Requirement	FURPS+ Category
<p>The system should be able to access and display tutor's place using location service. (i.e. GPS)</p> <ul style="list-style-type: none">• The tutors can specify precise locations he wants to teach (e.g. Starbucks, department stores, universities or specific addresses)• The tutors can also specify the area where they teach	Functional

System should have the user authentication, which authenticates if the user is a real person.	Functional
The system can recommend similar tutors with respect to user's preferences and previous searches (similar kind of tutors or nearby tutors)	Functional
The system should have security non-robotic check after user do something and repeat for many times.	Functional
The system should have security check with user's phone number and user's bank account to check before user paid for hiring tutor.	Functional
<p>After user choose to hire tutor, the system will send the request to the tutor (accept or reject).</p> <ul style="list-style-type: none"> • If tutor has rejected, the tutor has to give the reason why? • If the tutor not answer the request in due time, the system automatically reject the request. 	Functional

<p>The user can also cancel the request if they have necessary.</p> <ul style="list-style-type: none"> • They must give the reason. 	Functional
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Non-Functional System requirement

The system may have website for PC version.	Supportability
The system must handle more than 1000 people of user in the same time.	Performance
If user not do anything within time, log them out from the system.	Performance
The application's size should not be exceeding to 1GB.	Performance
The system supports both visa/master card type.	Usability
The system supports both ios/android operation.	Platform
The system must use Firebase management system	Implementation

The system will record history of time that you have cancelled the tutor for non-sense reason and banning you for a few times.

Reliability