Software Requirements Specifications (SRS)

ASK TALENT

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Contents

1. Introduction: (Eleen)

1.1 Purpose:

The purpose of this vision document is to provide an in-detail description of a Talent system. The document will explain why this web application is being built. This document will cover vision document, Overall Description,Specific requirements, use case document, use case diagram and sequence diagrams.This document is intended for the business team, software developers, solution architecture and technical analysis of the system.

1.2 Product Scope

This system will provide a web application that contains an environment for all people who want to show their different talents such as singing, drawing, acting, playing music, authoring etc. on their profiles in different ways, and for those searching for a certain talent to visit these profiles and contact the talented who deserved. This system will increase access to talents and save time and effort for the search process by increasing the spread of these talents on a large scale, in addition to encouraging talented people to show their talents and discovering hidden talents.

1.3 Definitions:

abbreviation	Definition
SRS	Software Requirements Specification : A document that completely describes all of the functions of a proposed system.For example, this document
Scouter	people who search for talent.
Stakeholder	Any person affected by the system.

1.4 References:

- srs templates:

https://drive.google.com/file/d/1gcI0UIS3GMYOLOtkBdUuxHx1ZuhghpYr/view?usp=sharing

 IEEE Recommended Practice for Software Requirements Specifications File

- Vision and scope document.

- Group B for system requirements.

1.5 Overview:

In the next sections we will talk about:

- Vision document:

Background, stakeholders, users, vision statement, scope, features and limitations.

- Overall Description section:

Product Perspective , Product Functions , User Classes and Characteristics ,Design and Implementation Constraints , Assumptions and Dependencies.

- Specific requirement section:

System functional requirements , constraints ,Use case diagram , Use case document, Sequence diagrams.

Other Nonfunctional Requirements: Performance,Usability,availability,

2. Vision document:

2.1 Background: (Eleen)

As we see in our life, talented people face many Obstacles in sharing their talents such as lack of knowledge of ways to disseminate talent, weak social relations, lack of art industry companies, etc. The spread of talent is limited to social relations and its extent, competitions, in addition to talent show programs, which are usually expensive, and sometimes this happens through the presentation of talents in the streets.

Suffering is not limited to the talented person, but it also happens to those who are looking for talent, whether it is an art company for the purpose of employment or an ordinary person who wants a temporary technical service. Which leads to the loss of many talents without discovering them and many opportunities for those who do not deserve them.

So this system comes to solve most of these problems by providing a web page to facilitate sharing talents and communication between talented and talent hunters.

2.1 Stakeholders: (Islam)

- Talented users: anyone who thinks he has talent can use this system to provide his talent via many ways like posts (including photos and videos), stories and could be written like poetry
- Talent scouter:How can talent seekers use the system? It depends on what he looking for, and it's good to mention that the scouter sends by companies or organizations, there are too many talents required nowadays, so this system will provide what the scouter looking for, in other words, can be filtered search, then he found what he wants and can contact him.
- Owner: The owner of this system gives feedback, new requirements, more specifications on some details, he also sets when he wants to receive delivery of work for testing and the final time when the system is ready.
- Manager: Managers work under the owner and make all the management for everything that belongs to the system, and works in order with the owner.

2.3 Users: (Islam)

Talented users: Every user needs to create an account, this account will be protected, also we give the user the freedom to post anything (photo, video, written post, and story) also the system allows the user to see people react and comments, the system can make calculated operations for his own business.

Talent Scouter: The scouter is a normal user who works for a company or organization, on paid wage, his main job is searching for specific people with certain criteria. If found people who meet the required conditions, he can contact him directly or add him to a list to deliver it to his manager.

2.4 Vision Statement: (Ranin)

Through companies that pay attention to talents that seek to reach them and work to support and develop them. These companies are considered a financial income centre for the talented individual and also return a financial gain to the company by developing talent and adding to it with new ideas that support the reality in which we live, and where companies make advertisements about Opportunities to participate with the talent they need and that have a greater chance of benefit, as it gives opportunities to participate and creates a portfolio for talented people to share their talents, contact

information, and achievements. And how to develop it, and daily follow-up with the talented person so as to give him training and comments to take advantage of them and work on them in order to improve the talent, and make a filter that determines the type of talent, location and age.

2.6 Scope:

We develop the **Ask Talent System** which contains all these features below.

2.5 major Features: (Islam)

- User authentication: required in login for security and to grant that the correct account owner is using the account.

- Share talented their activities, experience, and skills (on their profiles):
If a user sees any post or story and likes it, they can share it on their accounts, which creates fans for the post's main owner.
Another way the user can keep the post in his favorite section.
The favorite section is a place to keep any posts user like and no one can see except the account owner, every user have this section in his

- Contact view:
Users can contact each other, for chatting, share experiences, and for business in there is 3 ways to contact we will mention it later

- Feedback and Rating:

The system allows users to give feedback to each other, maybe a word for encouraging them or comments at some points to improve themselves and be better

Also, the system allows users to give ratings by stars, starting from 1 to 5, besides the feedback

- Financial activities:

As known users can make business in the system so that business leads to making money, but how to claim it? The system provides users with payment methods, the user can pay via PayPal, credit card, and debit card also could be handled in cash.

And the system is high security and safe in payment things and has full privacy.

- Copyright:

The system provides the talented user to put his name on his post to keep the rights for him, and if any user tries to make the post for himself the support team find him and warn him, if he does this 3 times he will strike

- Search filter:

The system provides the user to search by profile name and also by the filter, the filter makes it an easier way to search for some talents.

2.7 Limitation: (Ranin)

Some people with talent may not show their talent because of the lack of motivation, the lack of psychological, internal or external encouragement, and they may also suffer from the lack of people who care about their talent or are working to develop it, that may lead to reducing using this system. Another limitation is customs and traditions, If we look at the world around us, we see that we live in a society that does not care for talents, and we may see a fading of talents due to this, so the biggest problem is not showing talent, either because of lack of appreciation or encouragement or lack of access to people who help develop talent. And also one of the problems that exist, is the lack of artistic companies that support art, music and production, and therefore we do not find demand from individuals, and therefore it is not possible to spread talent more. Which will not meet the system requirements.

3. Overall Description

3.1 Product Perspective: (Eleen)

This system is a web application, through which talented and talent seekers can communicate, and this system was built to replace the traditional methods of people spreading their talents or searching for them such as enrolling in a talent academy or making a talent show in the street.

3.2 Product Functions: (Eleen)

3.2.1 common functions:

- Any user should be able to create an account in the system.
- Any user should be able to contact other users

3.2.2 Talented functions:

- The user should be able to share his talents.
- The user should be able to accept the followers.
- The user should be able to interact with his profile's visitors.
- The user should be able to sponsor his profile.

3.2.3 Scouter functions:

- The user should be able to follow a talent.
- The user should be able to contact the talented.
- The user should be able to search for talent.
- The user should be able to pay for a talented service.
- The user should be able to give feedback on talented posts.
- The user should be able to rate talented service on a talented profile.

3.2.4 System functions:

- The system should send notification to the users after doing some functions such as payment.

3.3 User Classes and Characteristics: (Islam)

Talented users: this kind of user needs to have a talent whatever it is and to be a success, the talented user must have enough skills and experience in his/her field to get attention, and that leads to a real business, some talents require a specific age to keep safe.

- Technical Skill: medium.
- Frequency of Use: Multiple times per day.
- Education Level: any.
- Experience with System: high.

Scouter user: A user to discover talents, that scouter could be a company agent or individual, when he found what he wants he can make contact in any way he likes.

- Technical Skill: low to medium.
- Frequency of Use: Multiple times per day.
- Education Level: any.
- Experience with System: medium to high.

3.4 Assumptions and Dependencies: (Islam)

- Each user must have an email.

- Internet connection is required.

- App support for solving problems faced by users like password forgetting or copyrights.

- Proper browsers should be installed.

- No restrictions on the operating system.

- The system will be available 24/7

3.5 Operating Environment   (Eleen)

Our web application is a (Multi-Platform or Cross-Platform), it can work on Microsoft windows ,Linux and mac os and so on

4. Specific requirements

4.1 Functional requirements: (Islam)

1. the system should allow to sign up for all users: the system required the user who wants to sign up to choose a talent account or scouter and a normal user account

1.1 If the user chooses a talent account it has some additional requirements like talent type, some talents need a specific age.

1.2 if the user choose scouter and normal user account he just adds an email and fill the signup form and own his account

2. The system should provide login ability when a user wants to log in, the system allows the operation and user log in smoothly.

2.1 for more security when a user login from another device the system checks the access by sending confirmation to the user's main email.

3. the system should provide the ability to update account info, this info could be like password, username, profile, profile picture, and bio.

4. The system provides the ability to add posts and stories for talented users the post could be pictures, writing, and videos.

and for scouter system allow them to make like, comments, share, and give feedback

5. The system should provide contact methods:

5.1 text chat: The first method users who want to contact each other the sender sent a message and the receiver maybe have a private account that's lead to accepting/rejecting conversation, it is not specific for text chat for all contact methods

5.2 voice call: a call between 2 users and also could be group call and group text chat as well

5.3: video call: in a video call all call members don't need to open the camera, but at least one of the call members.

5.4 In voice and video calls the system asks the user for permission to use the mic for voice calls and mic and camera for video calls.

6. The system should provide search ability for users

6.1 search can be by profile name, this way you need to write the profile name in the search box and the system shows similar results of accounts, and the system should approve users to visit the profiles.

6.2 search by a filter, this way needs to choose the wanted talent, and the system shows everything about the chosen talent even if it's a video or a pic.

7. The system should allow users to follow each other, and visit profiles, some profiles need to be followed to contact directly or make likes, comments, share, and give feedback.

8. The system should provide follow ability, every user account can make follow, some profiles are private, that means it needs a follow request, then accepting/rejecting the request, the profiles which are not private can be followed directly.

4.2 Nonfunctional Requirements: (Eleen)

4.2.1 Performance:

The system should have the speed of response, when doing an event such as pressing a certain button, the system should respond quickly within parts of seconds, without delay more than one second.

The system can accommodate up to tens of thousands of users at the same time.

4.2.2 Usability:

The system should be easy to use by all users, the system should take into consideration the difference in age and experience in technical matters. It's design should be clear for every user with clear icons and the size of fonts and some sentences to explain the features.

For any function in this system, The user takes 1-2 steps to do it.

4.2.3 Availability:

The system must be available 24 hours a day, and the system should not exceed a few minutes a day failure.

4.3 Use case diagram: (ELeen + Islam)

4.4 Use case document :   (Eleen)

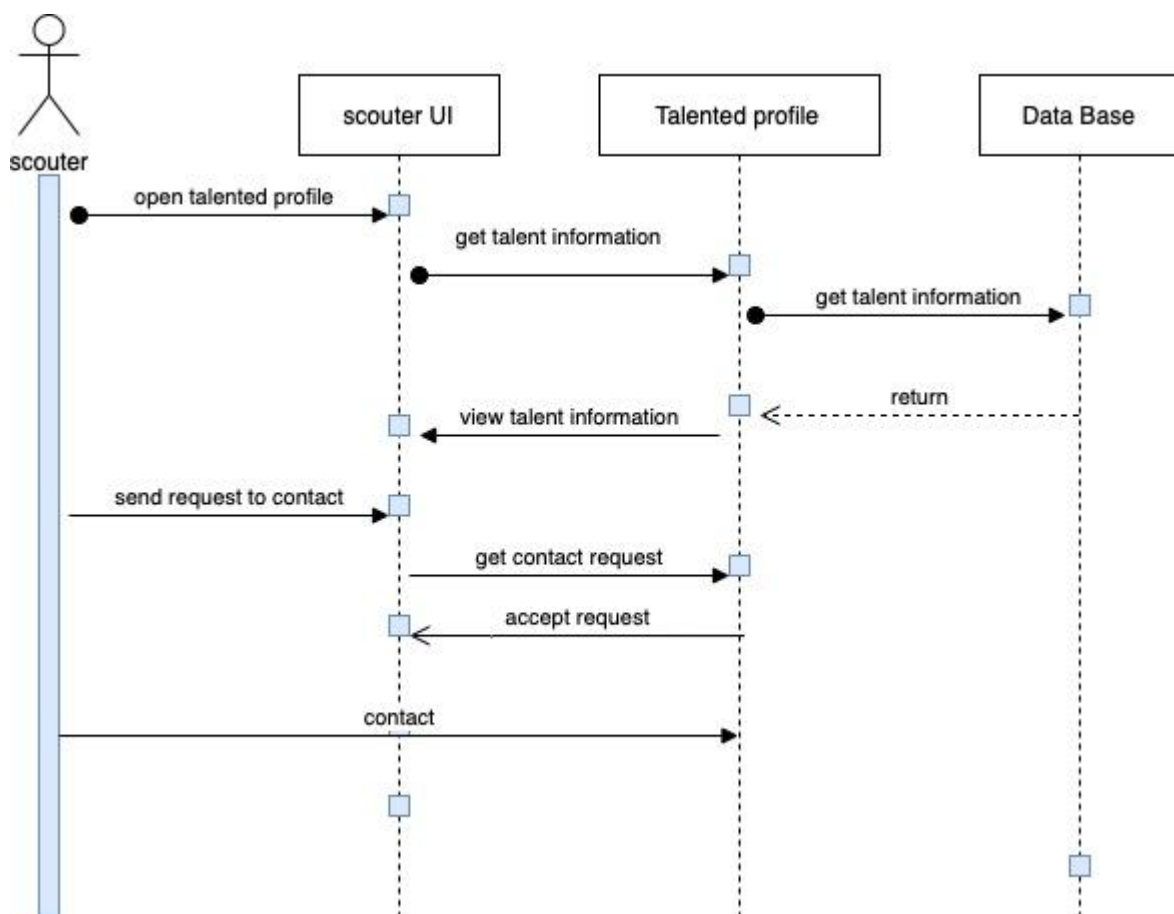| Primary Actors	Use Cases
Talented	1.authorization as a talented person. 2.Create a post. 3.Edit post. 4.Delete post. 5.Add story. 6.delete story. 7.Accept/ Decline following request. 8.Accept/Decline contact requests. 9.Edit talent information in her/his profile. 10.Sponsser her/his profile. 11.pay for sponssor. 12.feedback on his/her posts.
Scouter	13.Search for talent. 14.Follow the talented person. 15.Contact with a talented person. 16.Authorization as a scouter. 17.Pay for a service. 18.Rating the talent. 19.feedback on talented posts.
System	20.Send notification: — payment — rating —feedback —request

ID and Name	UC15 - Contact with talented people.
Created By:	Eleen Kmail
Date Created	20/11/21
Primary Actor:	Scouter
Description	The Scouter can contact a talented person to request a service .
Trigger	The scouter wants to request for service from talent.
Preconditions:	PRE-1. The Scouter should be logged into the system in the correct way. PRE-2. The Scouter and Talented should be connected to the internet. PRE-3. The Scouter should be from the talented followers.
Postcondition:	POST-1. Scouter and Talented will be in contact. POST-2. Scouter can schedule a meeting with the talented.
Normal Flow:	1. Scouter should log into the system. 2. The system displays a homepage. 3. Scouter will search for the Talent from the search section. 4. Scouter finds the talent he wants and opens the talented profile. 5. Scouter should send a follow request for the talented. 6. Talented people accept the request. 7. Scouter now can send a contact request to the talented. 8. Talented people accept the request. 9. Talented and scouter are in contact.
Alternative Flows:	NA
Exceptions	1. System not valid. 2. No internet connection. 3. Talented does not accept the following request form scouter. 4. Talented does not accept the contact request form scouter.
Priority:	High.

| ID and Name:	UC-13 Searching for a talent		
Created By:	Islam Halboni	Date Created:	19/11/2021
Primary Actor:	Scouter		
Description:	A scouter can search for something specific to him\her like if they want to search for a known person can write his/her name inside the searching place, or they can search by a filter, what's the filter? It's a way to make the searching easier like if I am looking for a singer talent I can make the search for singers, in turn its displays the singers talent.		
Trigger:	A scouter that he wants to find someone or specific talent		
Preconditions:	PRE-1. The user is logged into the system. PRE-2. Searching for a real talent by the filter to show results		
Post conditions:	POST-1 Searching for an existing name. POST 2. Access for searched profiles is acceptable.		
Normal Flow:	1.Scouter must have an account and login. 2.Searching bar views search history. 3.Scouter writes his new search or chooses a past search. 4.System displays the results for the search. 5.Scouter confirms his search by finding the profiles he wants. 6.System provides the profile options to the scouter (follow/contact, etc.).		
Exceptions:	1.0. No results invalid search 1. System shows no results and tells us to try again for a valid search.		
Priority:	Medium		
Frequency of Use:	Searching is important, so we could estimate a big number per day, approximately 2000 users, an average of one usage per day. There is no peak time, it's ON all the time		
Other Information:	1. Scouter shall be able to search for anyone, any talent, and any profile. 2. Scouter shall be able to view his search history; maybe he found what he wants faster because he could have already searched for it before. 3.Scouter shall be able to delete his/her search history		
Assumptions:	Assume that 5% of Scouters will search daily.		

ID And Name	UC-19 feedback on talented posts (comment)
Created By :	Ameen ishtayah Date created 19/11/2021
Primary Actor :	scouter
Trigger:	The scouter Add a comment on a specific talent
Preconditions:	The scouter must be inside the browser's home page
Postcondition:	None
Normal flow:	The scouter enters the username and the password or sign in with email The scouter chooses his talent (e.g.... "acting"). -After that, many publications and videos of the talents present are shown. Click on a specific post. Click on the comment icon inside the post. -Previous comments appear on the post. Click in the comment text field and write the comment click on the "publish comment" icon
Alternative Flows:	None
Exceptions path	None
Priority:	middle

|	
ID and Name:	**UC-2 Create a post for talent**
Created By:	Ranin Abdullah Date Created:	22/11/2021
Primary Actor:	Talented user
Description:	The creator works to create a publication expressing the talent that he is able to and explaining it in a simple or detailed way according to his will, or he makes a publication about a talent that is expressed
Trigger:	The creator who wants to create a publication about his talent or the talent of someone else.
Preconditions:	PRE-1. The user is logged into the system.
Postconditions:	POST-1 Editing or deleting the post. POST-2. Add or delete a story.
Normal Flow:	**2.0 Create a post** 1. 1.User logs in 2. 2.On the home page user see a button add post and click it 3. 3.Moves to the add post page 4. 4.The user fills in the info of the post to be publish it 5. 5.Check post information(In case it was not suitable for publication) 6. 6.The post is added to the profile page 7. 7.A notification arrives on the home page that a post has been added 8. 8.The post is displayed
Exceptions:	**1.0. No post is not visible** 1. The system does not archive publications or does not appear due to a number of publications
Priority:	High
Frequency of Use:	Creating the publication is necessary to identify different talents of all kinds, so we find that a large number of people are publishing about their talent or the talent of other people as a matter of encouragement.
Other Information:	1. The post must be available 2. The system should be able to display all publications of all kinds 3. The creator must be able to edit or delete the post
Assumptions:	Assume that 10% People who can create a post.

4.5 Sequence diagram:

Scouter wants to contact a talented person. **(Eleen)**
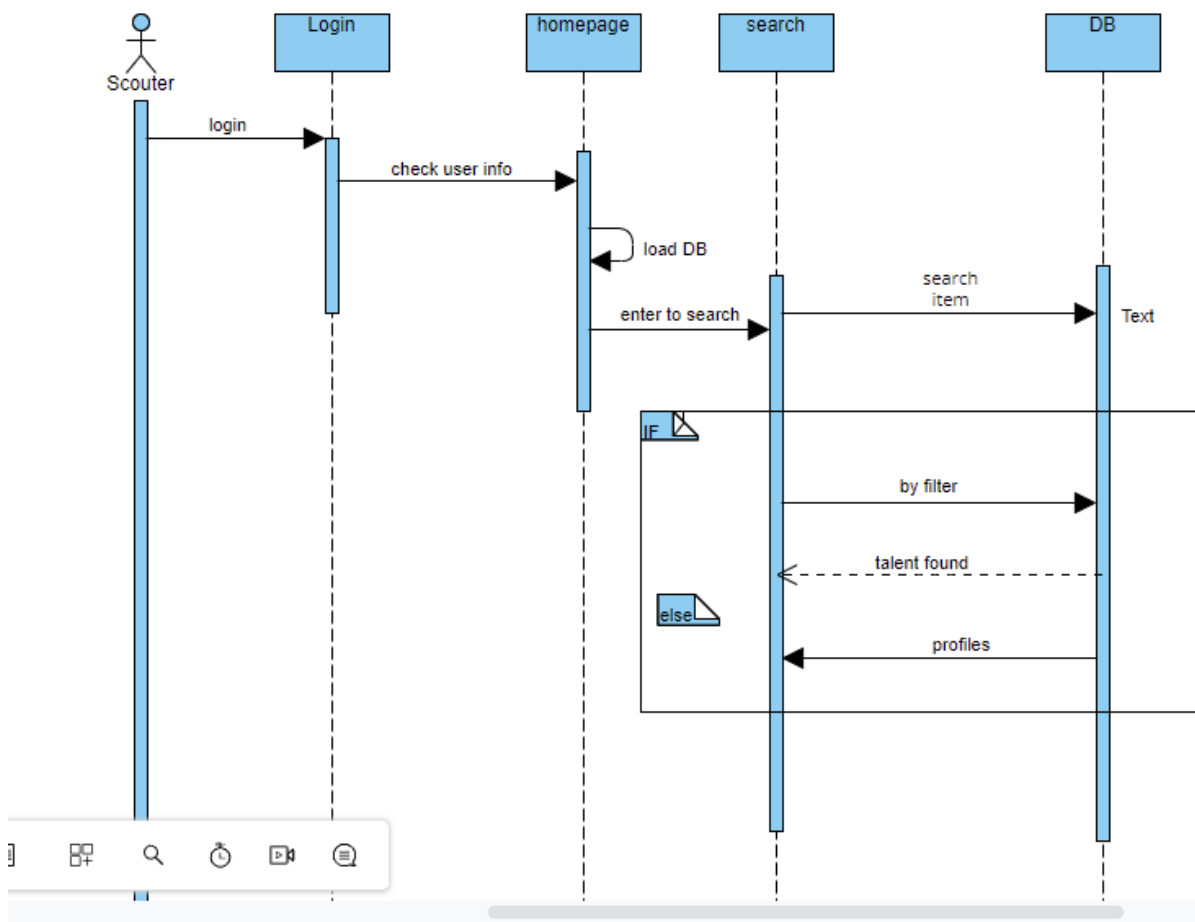
Scouter wants to search for a talent using a filter feature. **(Islam)**
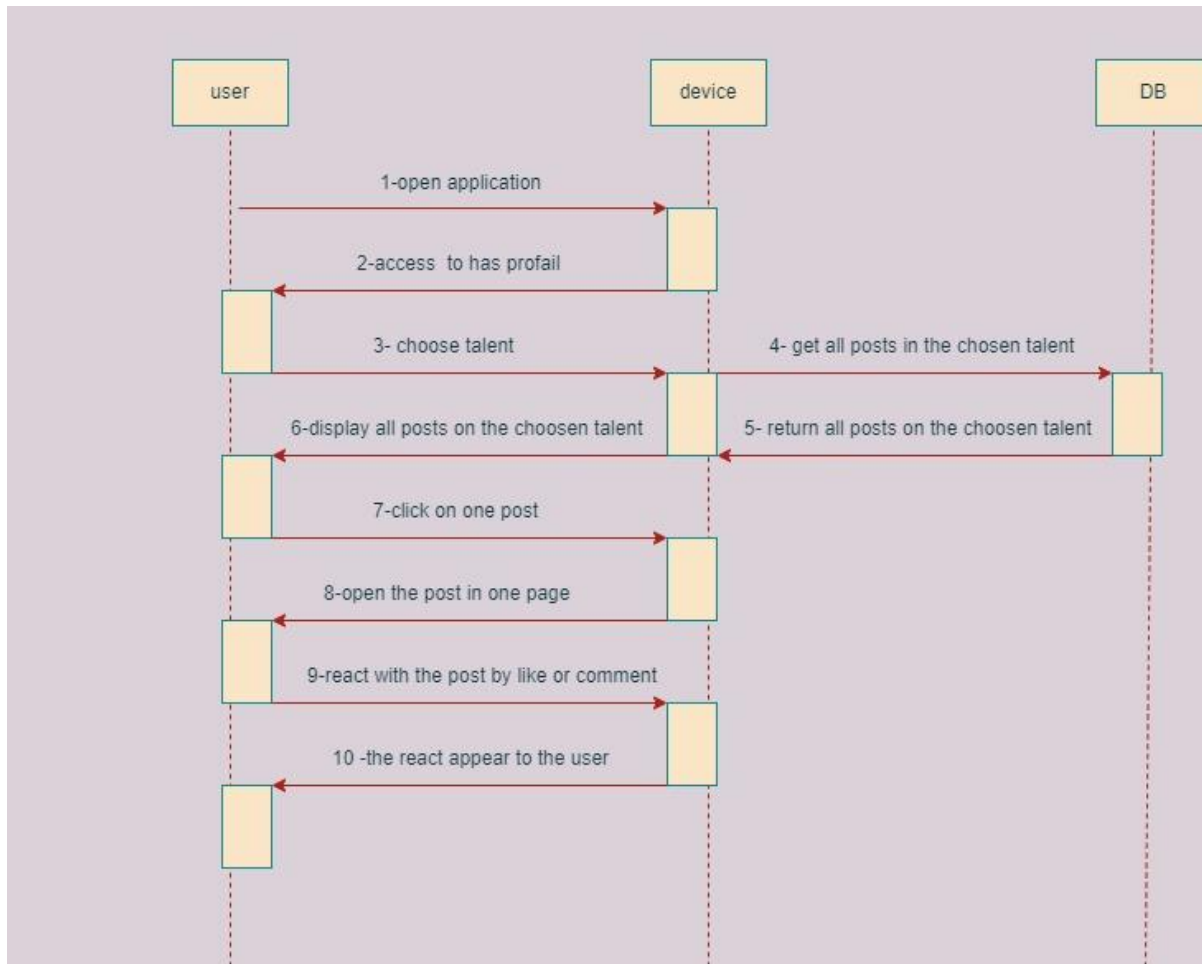
The user reacts to talent posts in a talented profile. **(Ameen)**
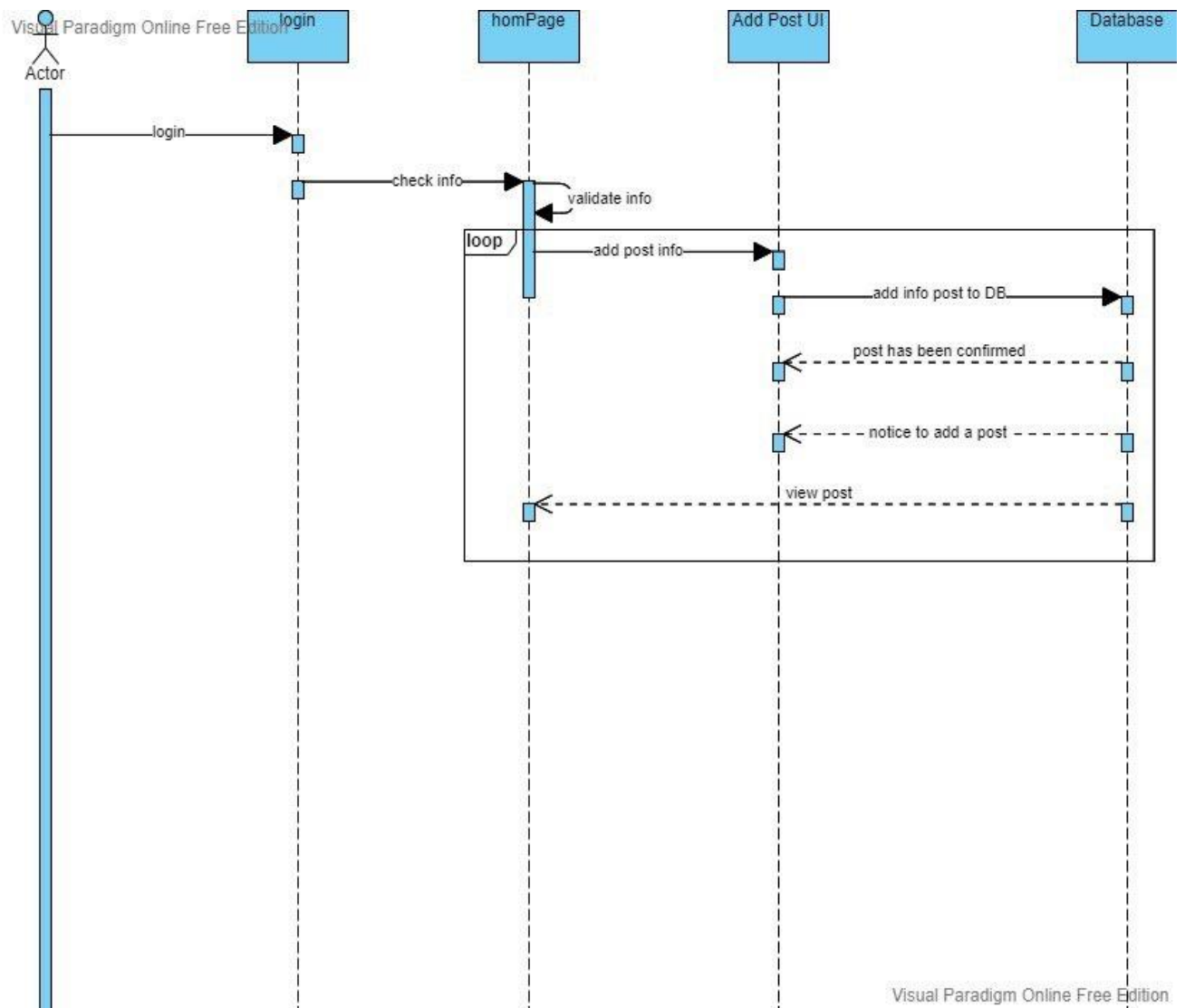
Talented wants to create a post. **(Ranin)**