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Project brief :

Wecare is **Marketplace** website and **Multiservices** platform which connects the service providers with users in order to give them a trusted service with high standards , accurate appointments , confidence and high quality in providing services. The main aim of the website is to enable people to reserve the service they want in a good price and choose the nearest provider from them. The provider must create an account and fill all information about her/his self then he/she can start adding the service , fill the availability schedule and the location where he/she provide this service. On the other hand the customer also creates his account and start booking the suitable service, a very important point that gives a good value for we care that the customer can add a review to the service and to the provider.

The idea of my project came from the current situation that Corona virus made to our daily life . All families need people to come home to provide services, especially for children. My project idea revolves around the creation of a multi-service site that provides home services to homes with the best quality and confidence. So that it displays all the information about the service providers by there accounts ,display the price of each service and site locations . in addition to the ability to evaluate each person who provided a service.

Services provided on the site:

- 1- Babysitting service
- 2- Home cleaning service
- 3- Maintenance services (Painting, Plumber, Electrical ,Carpenter, Blacksmith, Window treatment).

Technical documentantation :

1- Technologies

Wecare have been built using laravel framework as a backend technology , Mysql database , Javascript , Bootstrap , Css and HTML .

2- Functional specifications

The project covered many aspect of functional specifications staring as :

1-Registration and login

2- Notifications: in my project any transaction between provider and user will be send by the notification menu.

3-Reviews : after the service finished the user can review the service and the provider.

4-Searching and filtering : a distinctive feature that, the user can search the services with name , title and location in the search bar , and also can filter the services according to there prices .

3-Security

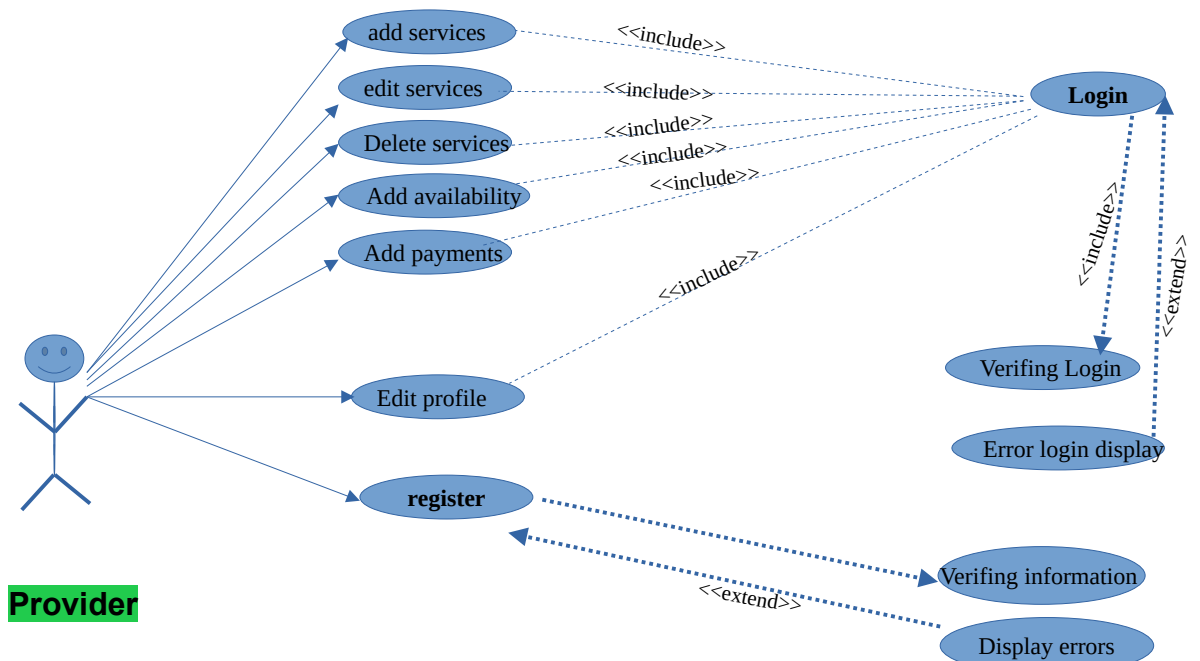
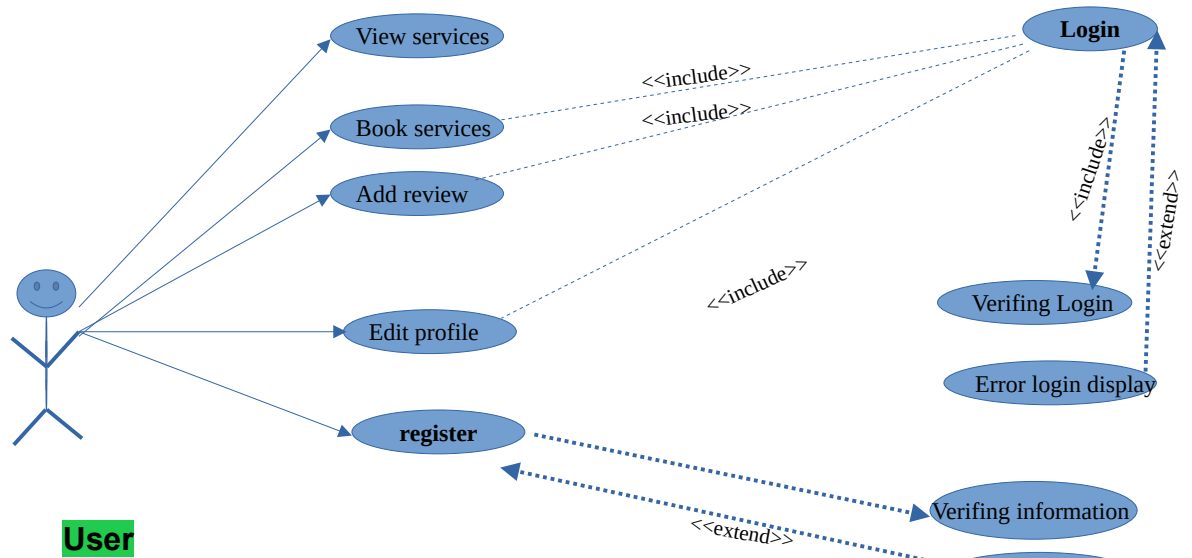
Also about Security issue In the website a high security with middlewares (can not access any page not for the this user or admin pages throw the URL) , Authentication system (check if the user is registered if not it will redirect him to the login and also the user must make a login to go throw his profile and make actions) and laravel security (bcrypt) which make the any user password hashed to letters and numbers. This process runs in the login controller during registration and login as the following example :

input password : aseel_123azy

Hashed password stored :

\$2y\$10\$7nQ/mBJiuiEQioEhY4NFX.pBLDBNNTLaXrMeJPOcBUVLAWBc.QBPO

Also if the user forget password he can restored it by email .



4-Websites used for research

As my project is a Marketplace website so I searched about this type of sites in many regions, in Jordan there is some of them like uber and kareem and I found some website in Europe and America like : homeserve and handy where they are specialties in home services .

One important thing I need to make searches about it is the extent of need of Jordanian people for home maintenance providers to come to there home and mothers who need nannies for there childrens .

5-Satisfactory points and difficulties encountered

One of the difficulties that I faced it is the notifications in both sides for user and customer but when I developed this featur it makes an important functionality to the website, when each customer makes a book then a notification will be shown in the provider side and when any provider accepts or rejects a service it will be shown in customer side so the connection becomes easy .