Hestia

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Synopsis

Abstract

With all our busy schedules, we hardly find any time to go out on a vacation or anywhere for that matter. And when we do get the time, there's always so many responsibilities holding us back. A single mom who has a date to attend, working couples who have parents that need special care, a family that needs to go on a long vacation but needs somebody to watch over their house and pets, all look for one thing – sitters. Hestia is a platform where one can hire sitters for kids, elderly people, pets and even houses. One can also join as a sitter on the website, licensed or unlicensed. People can hire sitters here according to their convenience. There is also a provision for online shopping of care products, in case any last-minute shopping is required.

Introduction

Hestia is a platform to assist families and caregivers by helping them connect in a reliable and easy way. In this website, people from all over the world can look for sitters for their loved ones while they're away. Here, all sitters have a profile that include their description, experience, occupation and ratings. Sitters are sorted as licensed and unlicensed and will be paid accordingly. While logging in, they are asked to accept various terms and conditions. The people looking for sitters must provide their details and the kind of sitters they want, to refine search. Once a sitter is hired, half the total amount has to be paid online and the other half is paid after the service is completed. To make sure the users don't face any sort of inconvenience, they can choose up to 3 sitters, in case of emergencies. To ensure the sitters' safety, even the people hiring sitters must accept certain terms and conditions. Also, the website allows people to shop online for care products to ensure that their sitters are well equipped. People can post their suggestions and drop their questions on our website, to make it better.

Proposed Study

The existing systems are all scattered and have no provision to take detailed information from the users. Also, one does not know if the sitter is licensed or not. To avoid any kind of inconvenience, users are allowed to pick up to three substitute sitters in case of any emergencies. There are also care products that users could shop for, to keep the sitters well equipped. The FAQ section keeps the users informed with regular queries. A 'suggestions' forum takes in other queries and suggestions from the users. The website also has a provision to search sitters based on filters such as whether he or she is licensed/unlicensed, their location and languages known.

Methodology

1. Customers

In this module the users can hire sitters for their house, pet, seniors and children. Based on user selection, a list of sitters who are licensed and unlicensed will be suggested. Each sitter's bio, experience and rating will be displayed for more details. To hire any sitter, the user must first login, by providing his/her details. Hestia provides a provision for online shopping, thereby helping users make sure that the sitters are well-equipped.

2. Payment

When hiring a sitter, payment for licensed sitters are 15% more than the unlicensed sitters. The amount also differs depending on the no. of hours of service, age of the person or children, any physical or mental disability, pet's breed etc. Also, to avoid conflicts, half the amount is paid in advance and the rest is paid after the services, both of them done online. Sitters getting hired through the website will be charged 8% for website maintenance.
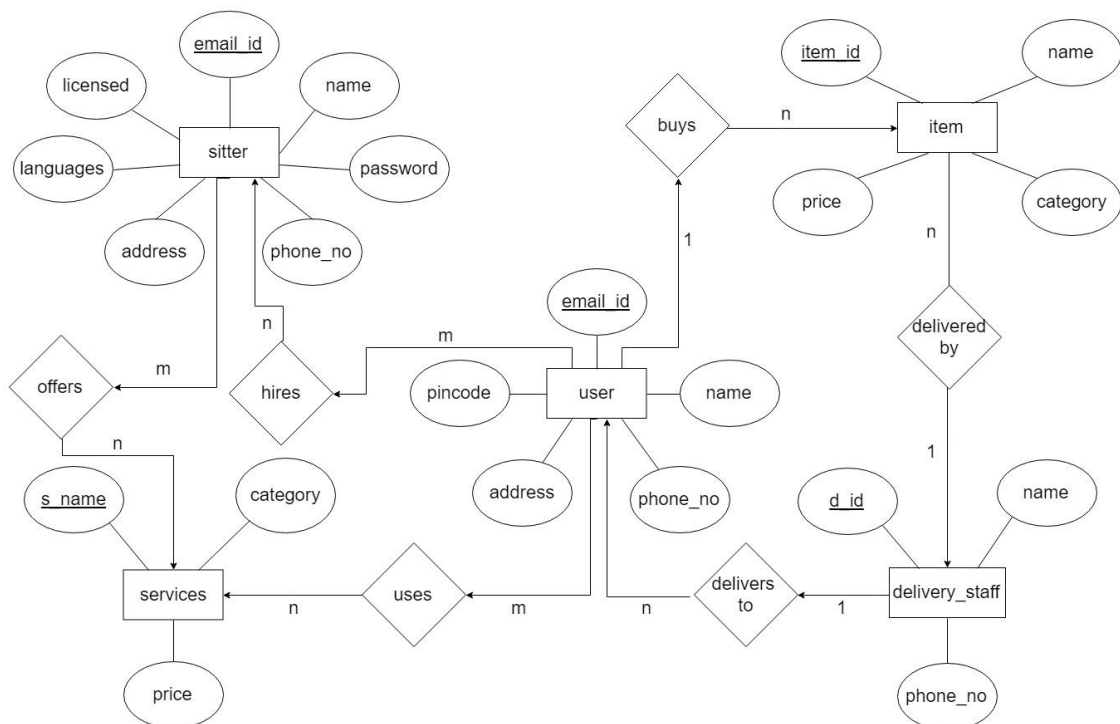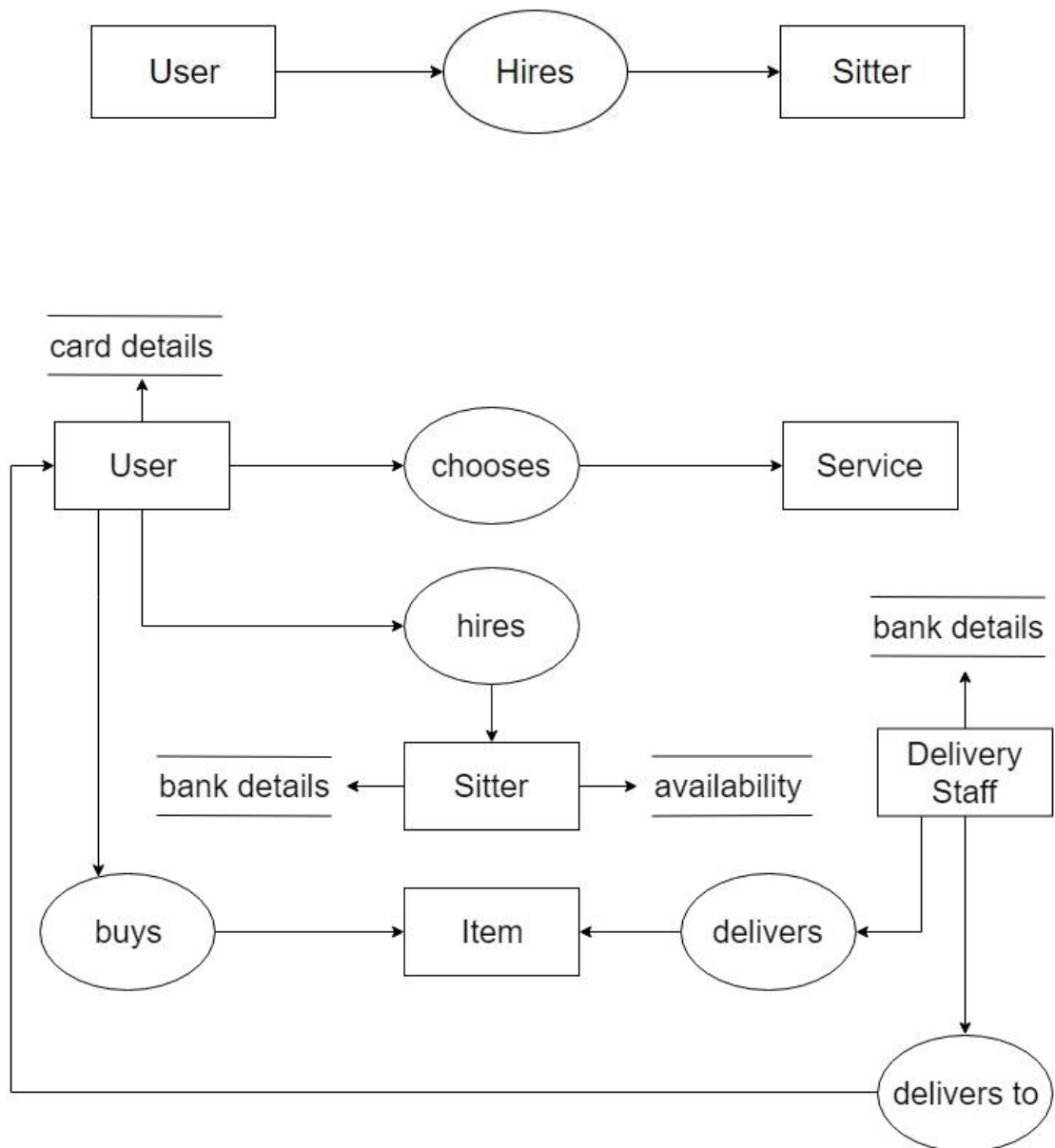
3. Sitters

In this module, a person who wants to be a sitter, must sign up by providing a brief description about themselves and providing a sitter's license, if any. In case the person doesn't have a license and wishes to get one, they can always enroll into the courses or organization listed on the website. While signing up as a sitter, one must accept the terms and conditions which are stated. This way, in case of any trouble or misbehavior, they will be removed from the website.

4. FAQ and suggestions

In this module, frequently asked questions and answers, website details etc. will be provided along with a section which allows people to drop their suggestions or any queries.

ER Diagram

Data Flow Diagram (DFD)

Level 1

Conclusion

Hestia provides a platform where people can make informed hiring decisions. Since care is an exceptionally personal matter, the website provides many filters and a provision to rate the sitters based on which other users can make their selection. The website also serves as a useful tool for people who are ready to provide assistance and want to make some money. All in all, it provides an easy way to hire sitters at one's convenience.