Web Development II Project Report

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1. Explain in detail the project, why and where is this project used. What are the challenges you faced and how did you solve them?

Ans:

The name of our web application is ‘Paradise Home’. Our web application is all about ‘Renting Private House/Apartment’. ‘Paradise Home’ web app is highly effective on renting a budgetfriendly house momentarily. It will serve as an authentic and upright platform for users to make their lives easy-breezier than ever. This app will be capable of providing nearby rent houses/apartments for tenants. Likewise, it will be able to manifest them neighboring groceries, parking, playground, fitness center and so much more advantages for assisting in their decision making of renting.

Working as a team is always fun and exciting. Teamwork makes a dream work. But it can be challenging when it is done remotely or without having any in-person activities and experience. Thank God we had some useful social media platforms as well as virtual meeting software that we could utilize throughout the journey of making the project. Another challenge that we went through was keeping up with the other courses of our current semester. We are taking some advanced program core courses for being graduate by the end of the current semester at LaGuardia and we have been successfully finishing up all the tasks by the deadline.

1. How did you come up with the idea?

Ans:

According to STATISTA, In 2020, there were approximately 43 million housing units occupied by renters in the United States. This number has remained steady since 2014 but is part of a long-term upward swing since 1975. This is also reflected in the downward trend of residential vacancy rates across the country. This suggests that demand for rental housing is on the rise, and that supply is failing to keep up with it. This high demand for rental homes may be related to the unaffordability of homeownership. Not being able to afford to buy a home was the biggest reason renters gave when asked why they didn’t currently own a home in a recent survey. The monthly costs of homeownership versus rental costs vary by state. In 2018, it was less expensive to rent a home in Hawaii, Washington D.C., and Colorado than it was to buy. However, the opposite was true in California, New York, and Louisiana.

Hence, to mitigate the hardship and bitterness of the tenants we came up such idea. We would like create a reliable bridge between landlords and tenants. We want to make sure no hardworking tenants’ stories get lost.

1. How did you learn all the skills used to finish this project? How were the other courses you took here at LaGuardia played a key role in successful completion of the project?

Ans:

Our project has been implemented as a dynamic web application which will address real-life situation. The scripting languages such as HTML5, CSS3 and Bootstrap has been applied for the Front-End development and User Interface Design. Likewise, for developing Back-End side, we have been manipulating PHP and MySQL Database.

In web development (II) course, we have been taught how to create a dynamic web application. We learned the magical back end side of the web using PHP and MySQL. We used the online platforms such as YouTube, W3school etc to boost up our skills. Moreover, we took web development (I) as well as Database Concept and Programming courses that helped us to gain skills on HTML5, CSS3, JavaScript and MySQL Server and Workbench. Thus, taking those courses played a major role step by step in successful completion of the project.

1. How working on this project and other projects in this major has helped you to be confident in Software Development.

Ans:

Over the last two years, we have been successfully giving a complete shape of the academic projects. Some of them we did individually, some were done as a team. It is true that whether you are at beginner level or advanced, building up projects will pave the way to become a successful software developer. To be honest, on our end, working on this project and other projects that we had done so far in this major has boosted up our confidence level and it will work as stairs to go above in the long run.