

Gift Eka:

Online Gift Giving web platform for Sri Lanka

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ABSTRACT

Due to the current Corona pandemic, most buying and selling processes are done through online e-commerce platforms. Also, number of participants for celebrations has been limited due to the pandemic. Currently there are so many instances for people to show their affection to the loved ones, celebrate moments, and special occasions and to surprise others without having a physical meeting. Unfortunately, in Sri Lanka, most online shopping platforms are not specialized for gift giving applications. With this analysis, we came up with a clear idea to propose this “GiftEka” gifting platform which is different and special from current platforms [1],[2],[3].

Waterfall and Agile methodologies were used for this project because it gives the biggest advantage of adding new requirements for the plan in the middle of its development. For this project PHP, MySQL with Laravel 8 was used for development. By using Laravel 8 this whole project was developed under the Model, View & Controller (MVC) Architecture. Laravel 8 is a powerful MVC Controller PHP framework that is designed for developers who need a simple and elegant toolkit to create full-featured web applications [3]. Users can select their gift items and wrapping types. Senders’ affection can be shared to the receiver by their gift items and associated wrapping feature. According to the study done on currently available gift platforms are not developed specifically for gifting. Rather they are developed for online shopping purposes such as grocery, wholesale or retail marketing. But “GiftEka” is far more advanced with new features of customizing gift items and providing customized gift-wrapping.

To analyze the success rate of the functionality and the accuracy of this proposed system test cases were carried out

This project has huge potential to provide better solutions for people under different scenarios and use cases.

Keywords: *Laravel 8, MySQL*

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