

Individual Statement on Mediserv

Tanuja Bastola

BSc. (Hons) Computing, Softwarica College of IT & E-Commerce, Coventry University

ST5010CEM : Enterprise Project

Ujjwal Humagain

July 8th, 2022

“Mediserv” is the name we have chosen for the project that we created. This is a pharmaceutical ecommerce ("Pharma E-Commerce", 2022) website but for skin related pharma products and is totally based online. Mediserv stores different kinds of skin related medicines produced or available across the country. Some of the international skin pharmaceutical brands which have high demand in the country. Mediserv also has a list of highly qualified experts and doctors when required to, will give consultations and prescriptions to the customers of the Mediserv platform. Mediserv’s backend is handled using Django ("Django", 2022) since it is one of the most popular and flexible web frameworks available. The landing page of Mediserv website welcomes the users with a registration portal because the nature of the website is ecommerce and registration of the user for any buying and selling of products becomes necessary. Next step is the login where the user logs in into the Mediserv platform with the same credentials they used to register in the previous step. There is a functionality of adding items into a cart through which users can purchase a single item or buy them in bulk. The payment system is made using debit card or credit card. And lastly sign out for signing out when the work is completed.

Considering this was a group project, at the very beginning of it, it was clear that agile (Gillis, 2022) was the best methodology to use as we would proceed along different milestones of the project lifecycle. Since we were already assigned a team to work with, we combinedly researched and gathered any documentations that could help us learn from or take reference of, to make our project development rather systematic and effective. Then the next agile step was to plan our sprints and to execute them which we performed very carefully. I, being the scrum master, had to be extra careful of all the little things that would hinder our progress. I actively listened to every member’s problem and solution to every little issue they faced personally and together as a team as well. I encouraged my team members to communicate with each other which would even further boot their productivity. I took note of everyone’s opinions and their

areas of expertise to divide of works and sprints accordingly. I, being the scrum master myself, was also involved in the development works along various sprints. During the start of the project, we created a git repository which would allow us to collaborate better. I had everyone make their own branch under which they worked with their own department and by the end of all sprints we merged them into a single main branch.

In sprint 1, while the other members made the landing page, registration and login portal, I was the one responsible for their testing and making sure all the functionalities were complete. Similarly, in sprint 2, I made the backend and frontend of blog section. Blogs have different articles or little notes written by users, experts or doctors about different medicines, their experiences with Mediserv and more. I also tested the blog section by myself. In sprint 3, I successfully made the frontend and backend of the review section. Reviews are well known and a very important component in almost all kinds of ecommerce websites which have written reviews of either medicines available in the platform, the service, doctors or anything that can be associated with the Mediserv website. In sprint 4, I made the email verification as an added feature by which users can send emails or contact the administrators for different reasons.

In sprint 5, being the scrum master, I filled all the details that we were required to in the excel sheets and verified the progress of the team so far. In Sprint 6, I made the invoice downloadable by the users. The invoice was able to be generated earlier but the users could not download. Hence now the invoice was made downloadable so that, if needed, users can download the invoice if they wished to do so. In sprint 7, I made the features of blog section editable through the admin panel. Now the admins can add, delete, update and basically manipulate with the details in the blog section directly through the admin panel. In sprint 8, I went through all of the remaining pages and completed their frontend. I also made their experience better and more user friendly. All of the small pages which had any of the frontend aspects remaining was completed during this sprint.

Realizing how critical each and every step is to any process is important because you could take a completely unintended turn with only one slip-up. I discovered during this study project with my group how important it must be for the team to convey our various points of view and how well we can all come to an agreement to ensure a seamless transition towards the project's completion. On top of that, being the scrum master was a little bit overwhelming in the beginning but later it was rather easy and a big experience by working together as a team with all members, managing the tasks, planning sprints and executing them correctly.

Different tools and technologies were made use of, during the project. Some of them are GitHub, Trello (Finnegan, 2022), Google Sheet. There are several reasons for using GitHub. The first is that it makes cooperation and version control sleek and simple. You may collaborate on code with this wherever you are. Additionally, GitHub is used by numerous employers. Therefore, if you intend to get employment, it will be in your best interest to be familiar with GitHub. Keep in mind the relationships, learning, and portfolio components as well. A powerful platform for learning and teamwork is GitHub. Spend some time investigating it to discover how much it may help you improve your programming skills.

Trello is an excellent application for organising and working on team projects and assignments. Trello's Kanban boards are a visual organizer's dream. Each card may include a wealth of information, and they always inform you know who is working on what and when.

During group work, our team found it difficult to agree on which viewpoint to pursue as a group. However, finding the information we needed to develop solutions was not a problem for us; rather, the difficulty was in distilling this newly discovered information in order to advance the project. I, the scrum master, effectively managed any conflicts that arose and with the co-operative nature of the team members every hurdle was easily tackled.

Everyone essentially learned how to adapt, communicate, and appreciate our various working methods and individualism during this process.

References

Django. Fullstackpython.com. (2022). Retrieved 30 June 2022, from

<https://www.fullstackpython.com/django.html>.

Finnegan, M. (2022). *What is Trello?*. Computerworld. Retrieved 30 June 2022, from

<https://www.computerworld.com/article/3226447/what-is-trello-a-guide-to-atlassians-collaboration-and-work-management-tool.html>.

Gillis, A. (2022). *What is Agile Project Management?*. SearchCIO. Retrieved 30 June 2022, from

<https://www.techtarget.com/searchcio/definition/Agile-project-management>.

Pharma E-Commerce. Databridgemarketresearch.com. (2022). Retrieved 30 June 2022, from

<https://www.databridgemarketresearch.com/reports/global-pharma-e-commerce-market#:~:text=Pharma%20e%2Dcommerce%20is%20referred,order%20pharmacy%20or%20internet%20pharmacy>.