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| **Phase-3**  **Implement Frameworks the DevOps way**  **Project :-Make an E-commerce Website**  **for**  **Sporty Shoes**  **(Specifications and Scrum Details)** |

**The sections in this document are:-**

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| 1.Project details and Developer details |
| 2.Sprint Planning and Task Completion |
| 3. Demonstrating the Project Capabilities, appearance, and user Interactions |
| 4.Link to the Git Hub repository |
| 5. Core concepts used in the Project |
| 6.Generic features of the product |
| 7.Conclusions |

**The code for this project is hosted at**

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| **Git-Hub link:-** **https://github.com/swathikanduri7/** |

**The project is developed by Swathi Kanduri**

**1.Project Details:-**

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| **Online shopping** is a form of [electronic commerce](https://en.wikipedia.org/wiki/Electronic_commerce) which allows consumers to directly buy [goods](https://en.wikipedia.org/wiki/Good_(economics)) or [services](https://en.wikipedia.org/wiki/Service_(economics)) from a seller over the [Internet](https://en.wikipedia.org/wiki/Internet) using a [web browser](https://en.wikipedia.org/wiki/Web_browser) or a [mobile app](https://en.wikipedia.org/wiki/Mobile_app). Consumers find a product of interest by visiting the [website](https://en.wikipedia.org/wiki/Website) of the retailer directly or by searching among alternative vendors using a [shopping search engine](https://en.wikipedia.org/wiki/Shopping_search_engine), which displays the same product's availability and pricing at different e-retailers.  Online stores usually enable shoppers to use "search" features to find specific models, brands or items.  In this project, an ecommerce website of selling sport shoes will be produce at the end of this project. This project reduces lot of work load for customer.  The main aim of this project helps in browsing products and able to add their desired items into shopping cart.  Customer can choose different sport shoes based on category like men, women, boys and girls..  This system helps to choose products faster and easier at one place.  An online store is a virtual store on the internet where users can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be displayed as on order.  **There will be an admin to manage the website. An administrator login will be required to access the admin page.**  . **The admin should be able to change his password if he wants, he should be able to:**   * Manage the products in the store including categorizing them * Browse the list of users who have signed up and be able to search users * See purchase reports filtered by date and category   **Developer Details:-**  **This project is developed by Swathi Kanduri** |

**2.Sprint Planning and Task Completion**

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| The project is planned to be completed in 2 sprints. |

**3.Demonstrating the project capablilites, appearance and user interactions:-**

To demonstrate the project capabilities, below are the sub-sections configured to highlight appearance and user interactions for the project:

* **Admin capabilities**:-

**1)Admin Login**

**2)Admin Reset Password**

**3)Add Product**

**4)Browse Product’s List**

**5)Browse Order’s List**

**6)Browse User’s List, search user’s from user’s list**

**7)Browse Order’s List 🡪 filter by date and category**

* **User Capabilities:-**

**1)Register**

**2)Login**

**3)Reset Password**

**4)Browse Product’s List**

**5)Buy Products**

**6)Fill Shipping Information**

**7)Order products**

**8)Browse Cart**

**9)Browse order history**

**4.Link to the Git Hub Repository:-**

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| **Git-Hub Link:-**  **Pushing the code to Git Hub Repository**   * Open your command prompt and navigate to the folder where you have   created your files.  **cd <folder path>**   * Initialize repository using the following command   **git init**   * Add all the files to your git repository using the following command   **git add .**   * Commit the changes using the following command   **git commit . –m<commit message>**   * Push the files to the folder you initially created using the following command   **git push -u origin master** |

**5.Core concepts used in the project are:-**

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| * **IDE: Eclipse is used to code for the application** * **Core Java:-A programming language to develop web pages, databases and others.** * **Databases:-Mysql** * **ORM tools:-Hibernate Framework for mapping an object-oriented domain model to a relational database.** * **WebTechnologies:-HTML,CSS,JSP** * **Maven:-Maven is used to build the application** * **J2EE:-Servlet/Jsp are used to collect data from the users to create the web pages dynamically and present the results.**   **Spring-boot framework.**   * **SVN Tools:-Git-Hub** * **Scrum:-An efficient agile framework to deliver the product.** * **Specification document:-Ms-word is used for specifications for open-source documentation.** |

**6.Generic Features of the product:-**

**1)User-Friendly**

**2)Find-in-Store**

**3)Related Items**

**4)Security-Features**

**5)Detailed Shipping information**

**7.Conclusions:-**

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| * The e-commerce is a key area for economic development in the 21st century. * over the next few years will continue the rapid growth of e-commerce. Currently, we are witnessing the rapid spread of the Internet, not only in the cities but also in remote regions. * In my view, a few years in e-commerce will be involved more users, and one in five will be weekly shopping online. Those enterprises that before others will create their representation on the Internet, will have an advantage over those who work exclusively in the traditional form. * The aim of this project was to develop competitive marketing plan of opening the eshop of sporty shoes. |