Sprint Planning

Group-3 -Lab– Bantu Pick'n'Pay

Sprint 1:

Introduction

Spring one's focus is mainly on the management side of the project. This among other things include the investigation of what constitutes a shopping list and what attributes should it have. Therefore, only the basic functionality, Creating or User Stories (Story Map), Scrum Board and General Coding principles.

Sprint Planning

The sprint's planning is presented in Table 1. This is for the first release for which the site was developed for selling textbooks to students.

Table 1: Sprint Task, Time and Responsible Person

Task Name	Time	Responsible Person
Git Repository Setup Structure	0.5hr	S. Lekoba
Trello Scrum Board Setup	3hr	All
User Story Map Creation	3hr	All
JSON Database Creation	0.5hr	E. Mamba
Search Algorithm	0.5hr	E. Mamba
Routing	1day	S. Lekoba & N. Ndlovu
Search Form	1hr	S. Lekoba
Search Algorithm by Name	1hr	N. Ndlovu & E. Mamba
Collection Point	1hr	N.dlovu
Payment Method	1hr	Z. Malinga
Reference Number Generation	1day	N. Ndlovu & Z. Malinga

Sprint 2

Introduction

The first sprint was rather unfortunately parallel to the shopping list the group had to develop, it therefore required that developers change completely from what was previously developed and develop an entire new product. This sprint therefore presents the sprint for the newly developed product, again from a managerial point of view to a development perspective.

Sprint Planning

The sprint's planning process is presented in Table 2. This was for the newly developed product of an actual shopping list website. In addition to functionality, a documentation folder is added to capture every process of the developers.

Table 2: Sprint Task, Time and Responsible Person

Task Name	Time	Responsible Person
New Scrum Board Setup	3hr	All
New User Stories (Story Map) Setup	3rh	All
Adding Functionality	0.5hr	S. Lekoba
List Creation	1hr	S. Lekoba
Price Estimate	0.5hr	Z. Malinga
Save List	0.5hr	E. Mamba
Input Budget	0.5hr	Z. Malinga
Routing	1hr	N. Ndlovu
Sprint Review	3hr	All
Testing	1day	N. Ndlovu & S. Lekoba
Documentation Preparation	2day	S. Lekoba
List and Item Deletion	0.5hr	S. Lekoba

Sprint 3

Introduction

The sprint continues from previous sprint. Additional functionality is added. The login functionality is added.

Sprint Planning

Table 3: Sprint Task, Time and Responsible Person

Task Name	Time	Responsible Person
Sprint Review	3hr	All
Scrum Board Update	1hr	E. Mamba
Documentation Update	1day	E. Mamba
Login Functionality	2days	N. Ndlovu & Z. Malinga
Register	0.5day	N. Ndlovu
Implementing Session API	1day	N. Ndlovu
List Printing, Getting Price, Price Comparison	1day	E. Mamba
Graphics (Bootstrap) Setup	1day	S. Lekoba

Sprint 4

Introduction

Since the sprint constitutes the final product release, it has to consist of all the basic functionality of the shopping list website. This sprint focuses on integration of all the developed features.

Sprint Planning

The Sprint is planned as in Table 4.

Table 4: Sprint Task, Time and Responsible Person

Task Name	Time	Responsible Person
Sharing	1day	N. Ndlovu
Save List for Later	2hr	S. Lekoba
Choose Friends to Share	2hr	N. Ndlovu
Documentations	2day	E. Mamba & Z. Malinga
Lint Testing	3hr	S. Lekoba