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PROJECT 1

VIRTUAL KEY FOR REPOSITORIES

SPECIFICATIONS:

- **Demonstrating the product capabilities, appearance, and user interactions**
- To demonstrate the product capabilities, below are the sub-sections configured to highlight appearance and user interactions for the project:
- 1   Creating the project in Eclipse
- 2   Writing a program in Java for the entry point of the application
- 3   Writing a program in Java to display Menu options available for the user
- 4   Writing a program in Java to handle Menu options selected by user
- 5   Writing a program in Java to perform the File operations as specified by user
- 6   Pushing the code to GitHub repository

SPRINT COMPLETION

Sprints planning and Task completion
The project is planned to be completed in 3 sprint. Tasks assumed to be completed in the sprint are:
- Creating the flow of the application
- Initializing git repository to track changes as development progresses.
- Writing the Java program to fulfill the requirements of the project.
- Testing the Java program with different kinds of User input
- Pushing code to GitHub.
- Creating this specification document highlighting application capabilities, appearance, and user interactions.

SPRINT PLANNING

Planning Phase

1	2	3	4	5...
Define the overall goal	Narrow down the goals for each week	Recruit a group of participants	Build the schedule	Choose activities

Let's move to the next step of actual items that we've covered during the Design Sprint.
Week 1:
- I started our first stand-up with some ice-breaking mind boggling.
- I decided the schedule for the sprint, defined goals and introduced main components of the projects and listed problem statements.
- During this week, I've created the techniques to be used.
- I focused on generic features of the program and the operations required to do so.
- On Friday, at the end I conducted the Retrospective, the reflection exercise and asked myself to answer a few questions: - What important information have we discovered this week? - What was good? - What can be improved?
Week 2:
- Once I gathered and synthesized all data, and determined that I needed to build the main Menu and Sub menu for the assigned task. My problem statement was "How to Virtualize key for our Repositories?".
- I prepared the inspiration board of many solutions. Basically, I focused on the coding part with many ideas.
- I also sorted all operations in different categories: Listing the files, Adding the file, Searching the files and deleting the files.
- Once I reviewed the inspiration board and voted for the best solution.
Week 3:
- At the beginning of this week, I build designing part. We just had time to design the main welcome screen, so once it was ready, I've built the test plan and launched it.
- The usability test was completed I synthesized findings from our test by running the code with different parameters.
- I used a list of features of the project.
As the conclusion, I summarized all findings into the PowerPoint presentation

SPRINT NO	DAY	WORK PLANNED	WORK STATUS
1	1	MAIN COMPONENTS OF PROJECT	COMPLETED
	2	PROBLEM STATEMENT	COMPLETED
	3	TECHNIQUES TO BE USED	COMPLETED
	4	GENERIC FEATURES PLANNING	COMPLETED
	5	OPERATIONAL FEATURES PLANNING	COMPLETED
2	1	MAIN MENU CREATION	COMPLETED
	2	SUB MENU CREATION	COMPLETED
	3	CODING	COMPLETED
	4	OPERATIONAL SORTING	COMPLETED
	5	CASE SENSITIVITY ADD ON	COMPLETED
3	1	DESIGN MAIN WELCOME SCREEN	COMPLETED
	2	CODE TESTING	COMPLETED
	3	DOCUMENTATION PART	COMPLETED
	4	TESTING OF THE PROJECT	COMPLETED
	5	LAUNCH OF THE PROJECT	COMPLETED