**Java Assessment Documentation**

**Project and Developer details –**

Hello, I am Vedant Pathak full time software developer at Lockers Pvt. Ltd.

I have built prototype in java for Lockers Pvt. Ltd. As per mentioned features in requirement. It’s capable to perform several file handling operations, file display operations and much more.

**Sprints planned and the tasks achieved in them –**

**1st Sprint –**

**I**n 1st sprint I designed application and fix all problems. Then developed basic while loop and switch case structure as a controller of program.

**2nd Sprint –**

In this sprint I added another functionality of displaying file names from current dictionary in ascending order.

**3rd Sprint –**

Business level operations were added in this sprint. File Insertion, File deletion and File Searching operations developed in this sprint.

**4th Sprint –**

In 4th and last sprint option of exit and return back to main menu implemented in project.

**Diagram

Description automatically generated**

**Flowchart**

**Core Concepts Used in Project**

1. OOP’s Concepts in java like class, method, object, etc.
2. Exception Handling in java.
3. Collections.
4. File operations in java.
5. String operations in java.
6. Take input from customer using Scanner.

**Advantages of Application**

1. With all exceptions handling.
2. Easy to use.
3. Light weight.
4. Robust.
5. Platform Independent.