As the Full Stack Developer at Company Lockers Pvt. Ltd., I understand the requirements and goals for the LockedMeApp application prototype.

The LockedMeApp application will have the following capabilities, appearance, and user interactions:

**Capabilities:**

The application will allow users to manage files by providing features for retrieving file names, adding files, deleting files, and searching for files.

**Appearance:**

The application will have a user-friendly and intuitive interface with proper organization of file-related operations.

**User Interactions:**

Users will be able to interact with the application through a command-line interface, where they can input their desired operations.

**Number and Duration of Sprints:**

To develop the prototype, we will require two sprints of one week each. Each sprint will have a specific set of tasks and goals. The first sprint will focus on setting up the project structure, implementing basic functionalities, and designing the command-line interface. The second sprint will involve enhancing the functionalities, implementing sorting and searching techniques, and ensuring overall quality.

**Git and GitHub:**

We will set up a Git repository on GitHub to store and track the enhancements of the prototype. This will provide version control, collaboration capabilities, and a centralized platform for code management.

**Java Concepts Being Used:**

The LockedMeApp prototype is developed using the following Java concepts:

**File I/O:** Reading and writing files for file management operations.

**Exception Handling:** Proper handling of exceptions to ensure application stability.

**Object-Oriented Programming (OOP) Principles:** Utilizing classes, objects, and encapsulation for a modular and maintainable codebase.

**Collections Framework:** Utilizing data structures like ArrayList for file management.

**Data Structures for Sorting and Searching:** In the LockedMeApp prototype, we will use the following data structures and techniques for sorting and searching:

**Data Structure:** We will use the ArrayList data structure to store and manage the file names.

**Sorting Technique:** We will use the Collections.sort() method to sort the file names in ascending order.

**Searching Technique:** We will use linear search or binary search algorithms to search for a user-specified file in the list of file names.

**Generic Features and Operations:** The LockedMeApp application will have the following generic features and operations:

1. **Generic Features:**
   1. Retrieving the file names in ascending order
   2. Closing the current execution context and returning to the main context
   3. Closing the application
2. **Business-Level Operations:**
   1. Adding a user-specified file to the application
   2. Deleting a user-specified file from the application
   3. Searching for a user-specified file in the application

By following these specifications and completing the sprints within the designated time, we delivered a high-end quality product as early as possible.