**LONGEST SUBSEQUENCES**

**This document contains sections for:**

* Overview of Project
* Sprint Planning
* Core concepts used in project
* Application capabilities, appearance and user interactions
* Flow Chart
* Important note about application
* Conclusion

**Overview of Project**

The code for this project is hosted at <https://github.com/kashinathmj/-Phase01-FSD-Assignment4-Simplilearn>

The project is developed by Kashinath M J.

**Project Name: LockedMe.app**

**Project Details:**

As a developer, write a Java code to find the longest increasing subsequence from a list of random numbers.

**Sprint Planning**

The project is planned to be completed in 1 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 fulfil 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.

**Core Concepts used in Project**

* Flow Control
* Class
* Interface
* Inheritance
* Constructor
* LinkedList
* For, While, Switch Case, If-Else ladder, and other logic related functions.
* File Handling
* Exception Handling

**Screen shots:**

