 ****

“LineUp”

Project Report

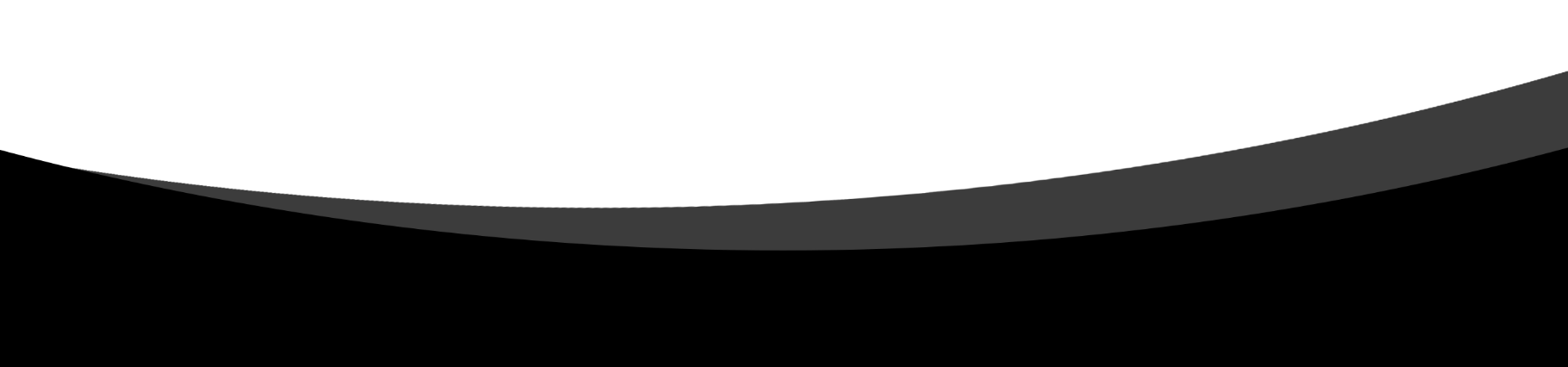
An analysis of project design and implementation

Software Development Fundamentals-2

* **Group Member details**

Sanjoli Goyal 191040**07** B11

Muskan Jain 191040**10** B11

 Amit Patil 191040**04** B11

**1. Title of the Project**

“*LineUp*”

* **Pro features**
  + Multi User Login
  + User can see all his tasks by day and year view
  + Update, Delete, Create features
  + Work will be stored in local disks for hassle free uses

**2. Objective of the Project**

A Line-up allows you to better manage your time by allowing you to lay out what you need to accomplish and then coordinate your time from there.

* **Data Structure Implemented**

*Linked List*

**3. Work division**

1. **Muskan Jain- (**19104010**)**

**Login Screen**

1. Implementation of Authentication of user
2. File handling implemented using binary files
3. Hide password while invoking through console
4. Logo insertion on front page ("ASCII Art").
5. Text animation using ( using<unistd.h>)
6. Project Report writing
7. **Amit Patil- (**19104004**)**
   1. Creating each folder of unique user (using <dir.h>)
   2. For a unique ‘date’, creating a binary file(using file handling)
   3. File handling for Linked list (inserting and deleting(fseekg()) from a file)
   4. Showing all tasks once(using <dirent.h> library traversing through every ‘date’ file respected to user folder)
   5. (Using <pthread.h> for threading two functions and running them simultaneously)
   6. Intro welcome alarm beep sound.
   7. Merging codes of team members.
8. **Sanjoli Goyal -(19104007)**
   1. Implementing Linked List (traversing , delete, update )
   2. Local date of system(assigning to date (using<time.h>)if user refuses to enter )
   3. Windows message box (for sign up, exit, deleted to-do)
   4. Console colour implementing (using <windows.h>)
   5. Text Colour change for better UX and UI
   6. Creating Menu driven program

**Three User already created**

1) Username: user1

Password: user1 //Few task already created (press 5 in menu driven program after log in)

2) Username: user2

Password: user2 //Few task already created

3) Username: user3

Password: user3 //No task Created Earlier

1. **Project Category:**

Personal / Productivity

1. **Software Requirements:**
2. GCC compiler(Code Block)
3. Windows operating system.

Plagiarism Report:

