**Overview**

**Introduction**

* This project is about printing a calendar month by month for a given year as input from user.
* I have taken this topic to apply my skills that I learnt recently.

**Feature**

* This application is used to find out the week day for a particular date.
* Displays the calendar month wise accordingly.

**Requirements**

* As this is application based project resources needed very less.
* The only prerequisite required is basic understanding of c programming.

**4W's and 1'H**

**Who:**

* It can be used by everyone.

**What:**

* It is used to know every important engagements in year.

**When:**

* It has been used for many years.

**Where:**

* This application is most widely used in many devices like smartphones.

**How:**

* A simple project that has multi files in it.

**SWOT Analysis:**

**Strengths:**

* It is used to know dates and engagements.
* used to manage work.

**Weakness:**

* proccessing takes time.

**Oppurtunities:**

* used by everyone.
* Plan the schedules by giving equal importance to professional and personal life.

**Threats:**

* more space to display the data.

## High Level Requirements

| **ID No** | **Requirement** | **Category** |
| --- | --- | --- |
| HR01 | The user gives an input | Technical |
| HR02 | Displays the year month wise | Technical |

## Low Level Requirements

| **ID No** | **Requirement Description** | **Category** |
| --- | --- | --- |
| LR01 | After getting the input from user checks for a valid input | Technical |
| LR02 | Calculates number of days in each month accordingly in case of a leap year | Technical |
| LR03 | Now it assigns the day of the week for a given data | Technical |
| LR04 | Displays the Calendar month by month | Technical |