



Sangguniang Kabataan

Calendar Action Planner

Final

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I. Introduction

Application Purpose

The Sangguniang Kabataan Calendar Action Planner is made to help SK Officials easily plan, schedule, and keep track of their events, meetings, and duties. It aims to solve common issues such as miscommunication, unorganized planning, and difficulty in monitoring attendance and responsibilities. With its easy-to-use design, the app helps SK members stay on the same page, work better as a team, and be more responsible with their tasks.

II. Target Users

- **Sangguniang Kabataan (SK) Officials and Members**

These are the elected youth leaders of a barangay who are responsible for planning and implementing programs, projects, and activities for the development of the youth in their community. They are the primary users of the application and will use it to organize events, track attendance, manage schedules, and store important information related to their duties.

- **SK Secretaries and Treasurers**

The SK Secretary is in charge of documentation, record-keeping, and preparation of meeting minutes and reports. The SK Treasurer is responsible for managing the funds, expenses, and financial records of the SK. Both will benefit from the application's features like attendance tracking, event scheduling, and record storage, making their administrative tasks easier and more organized.

III. Key Features

- **Create Barangay Accounts:**

Each barangay can register and manage their own SK account in the system.



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- **SK Members' Profile Database:**
Stores basic information of each SK officer like name, position, and contact details.
- **Calendar of Events and Projects:**
A calendar to add, view, and manage upcoming SK activities.
- **Attendance Tracker:**
Allows users to record who attended a session or event and see attendance reports.
- **Duties Scheduler:**
Makes it easier to assign duties to members and keep track of their responsibilities.
- **Event Reminders/Notifications:**
Reminds users of upcoming activities or assigned tasks to avoid missing anything.

IV. Technical Requirements

- Java version: Java SE 8
- UI Framework: Java Swing (via WindowBuilder)
- Tools/IDEs Used: Eclipse IDE with WindowBuilder
- External Libraries (if needed):
 - JCalendar for calendar interface
 - SQL for data storage

V. Expected Challenges and Solutions

Challenge	Planned Solution
<i>1. Making sure each barangay has a separate and secure account</i>	<i>Add account registration and login feature with password protection</i>
<i>2. Designing a simple but complete SK member profile form</i>	<i>Keep the form short and only ask for basic details (name, position, contact)</i>
<i>3. Displaying multiple events on the same date</i>	<i>Use a pop-up or list view to show all events on a selected date</i>
<i>4. Saving data safely and avoiding errors</i>	<i>Use file or local database backup system and add</i>



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	<i>confirmation messages</i>
<i>5. Making the system easy to use even for those with less tech experience</i>	<i>Use a simple layout and clear buttons or labels for easy navigation</i>

VI. Sample UI Sketch

Barangay Account

LOG IN

PROCEED TO

MONTH YEAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

AGENDA:

EVENT/S

•
•
•

PRESENT OFFICIAL/S

•
•
•

ATTENDANCE LOG

EVENT:

SKID	NAME	PRESENT	ABSENT	EXCUSE
		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ADD EVENT

EVENT:

START:

END:

DUTY ASSIGNMENT

OFFICIAL NO.1:

OFFICIAL NO.2: