



جامعة تكنولوجى مارا
UNIVERSITI
TEKNOLOGI
MARA



i-SACR

Integrated Social Academic Conflict Resolver

Group:
N4CS2416T2

Prepared For:
Madam Haslinda Noradzan

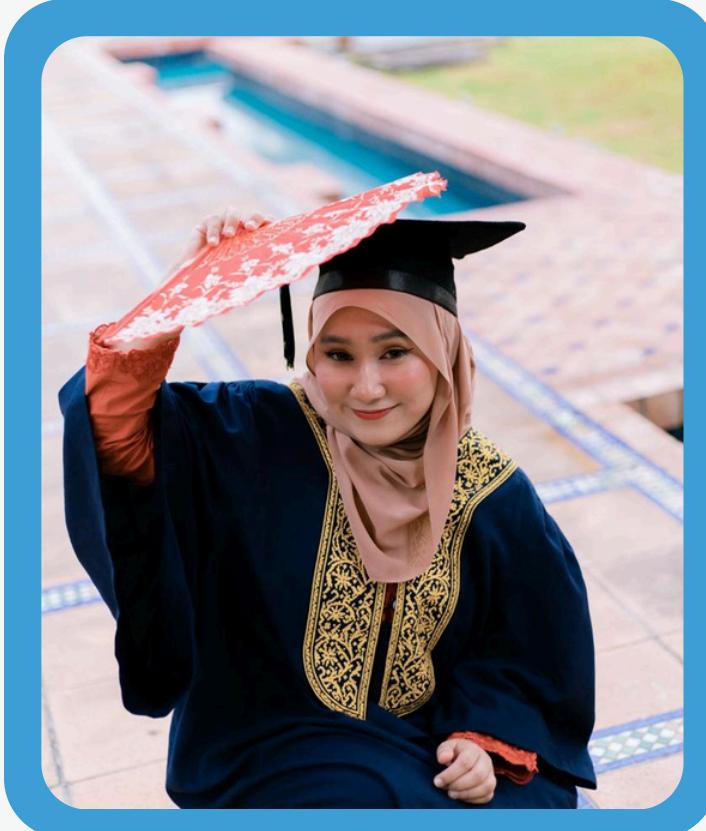




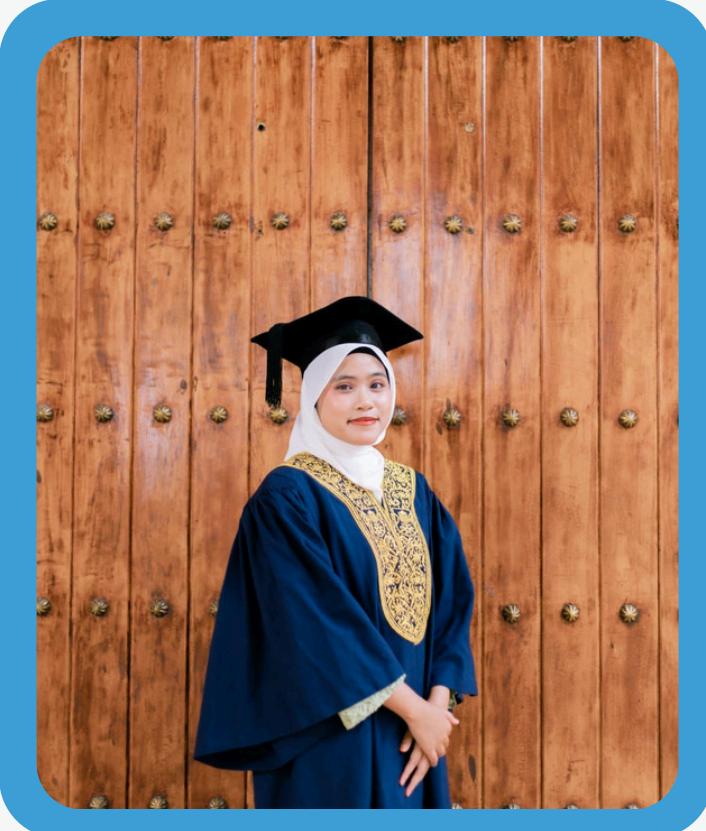
GROUP MEMBERS



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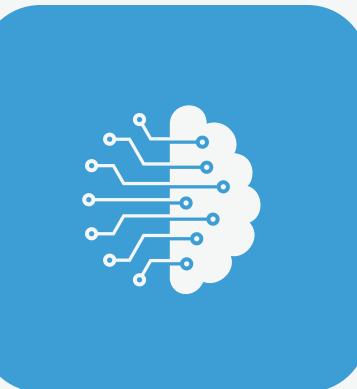


Raja Ammar
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PROJECT BACKGROUND

- University students frequently experience academic pressure
 - Lead to stress, burnout, poor academic performance
 - Most of digital calendars/academic planner only concentrate on task scheduling & time management
 - i-SACR can assist student in managing academic obligations



PROBLEM STATEMENT

Academic Overload and Poor Planning

- Difficulty organizing **coursework, deadlines, and group projects**
- Missed deadlines and **poor prioritization**
- Reduced academic performance due to **lack of structured tools**

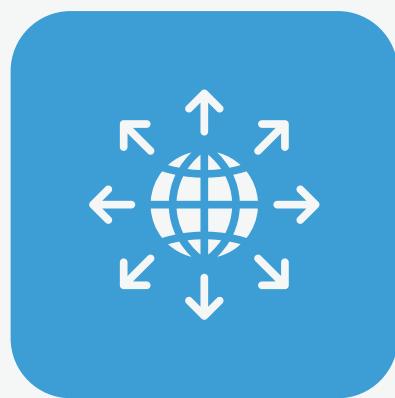
Lack of Balance between Academic and Personal Life

- Struggle to maintain between **studies and well-being**
- Leads to **unhealthy lifestyle** and **reduced motivation**
- Absence of **integrated platforms** results in **poor academic outcomes**

High Rise in Stress and Burnout

- Continuous academic and personal demands increase **stress levels**
- Burnout risk from unmanaged workload
- Current apps **lack real-time stress monitoring** and **personalized coping strategies**





TARGET USERS
University Students



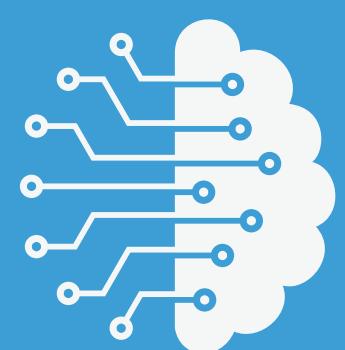


OBJECTIVES



Prevent Burnout

To develop a real-time burnout assessment mechanism that generates a quantified Burnout Risk Score (0-100) to alert users of high stress and activity density, enabling proactive schedule adjustment.



Optimize Trade-offs

To design a data-driven recommendation model that evaluates trade-offs between new commitments and existing goals by providing weighted impact estimates on goal achievement.

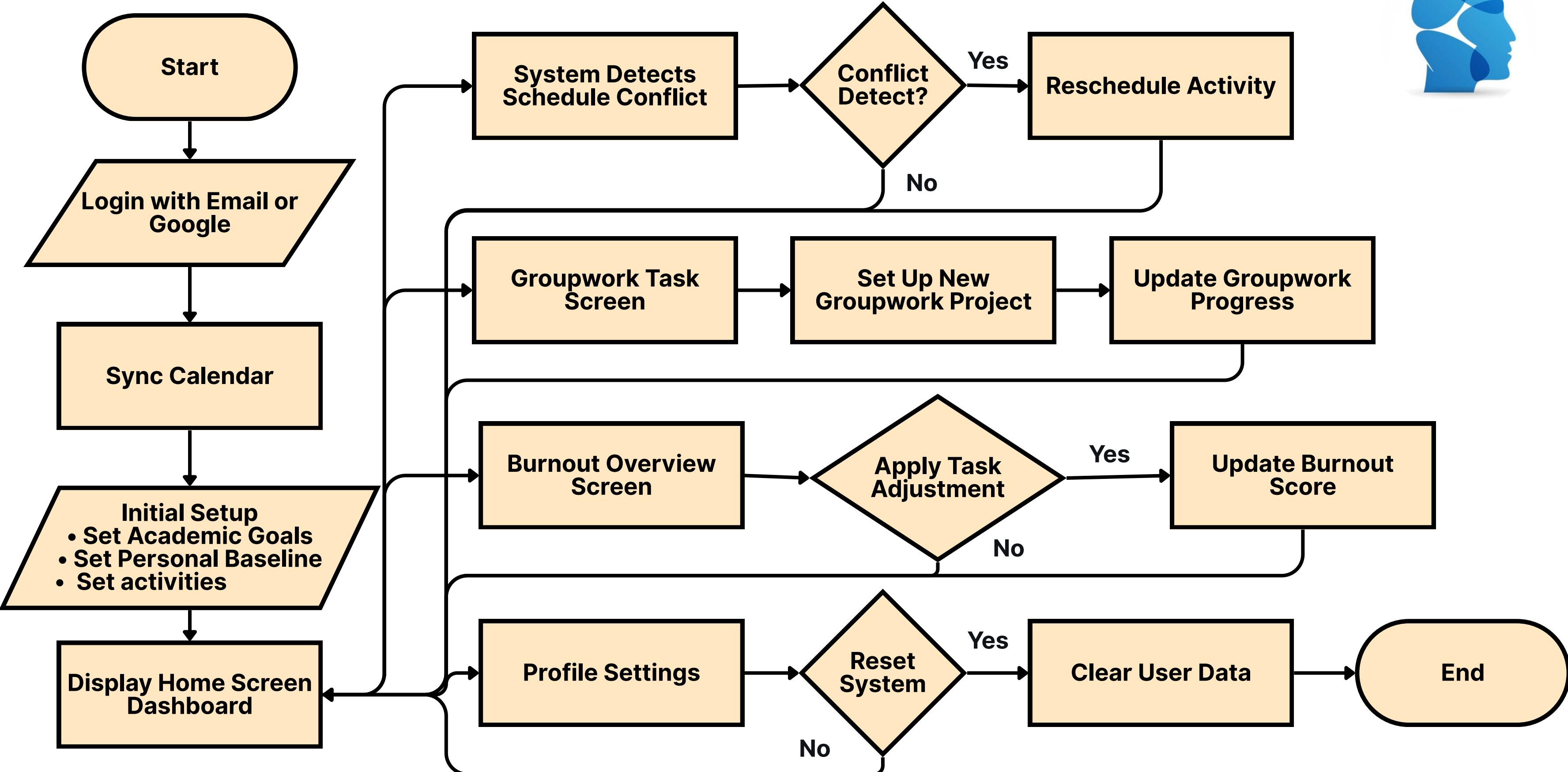


Ensure Group Equity

To implement an equitable group management mechanism that automates task distribution and recommend meeting schedules that minimize collective stress.

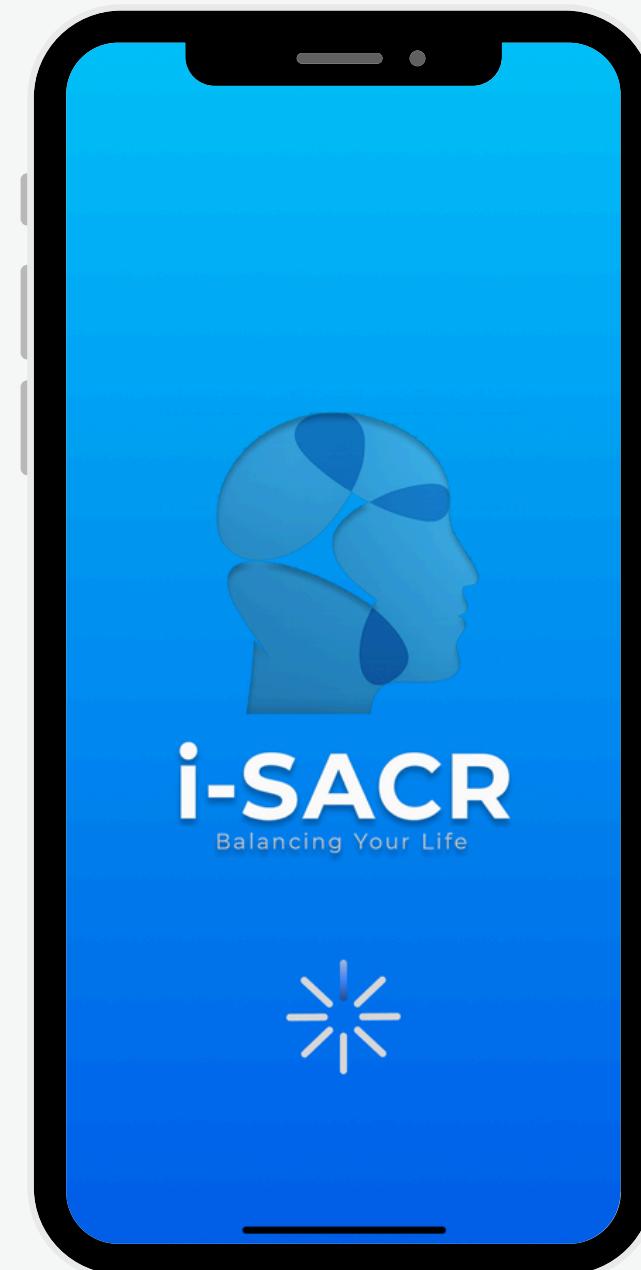


SYSTEM WORKFLOW

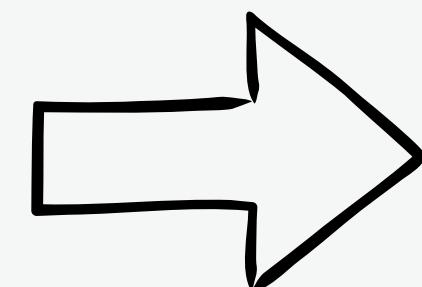


USER SIGN IN INTERFACE

Splash screen

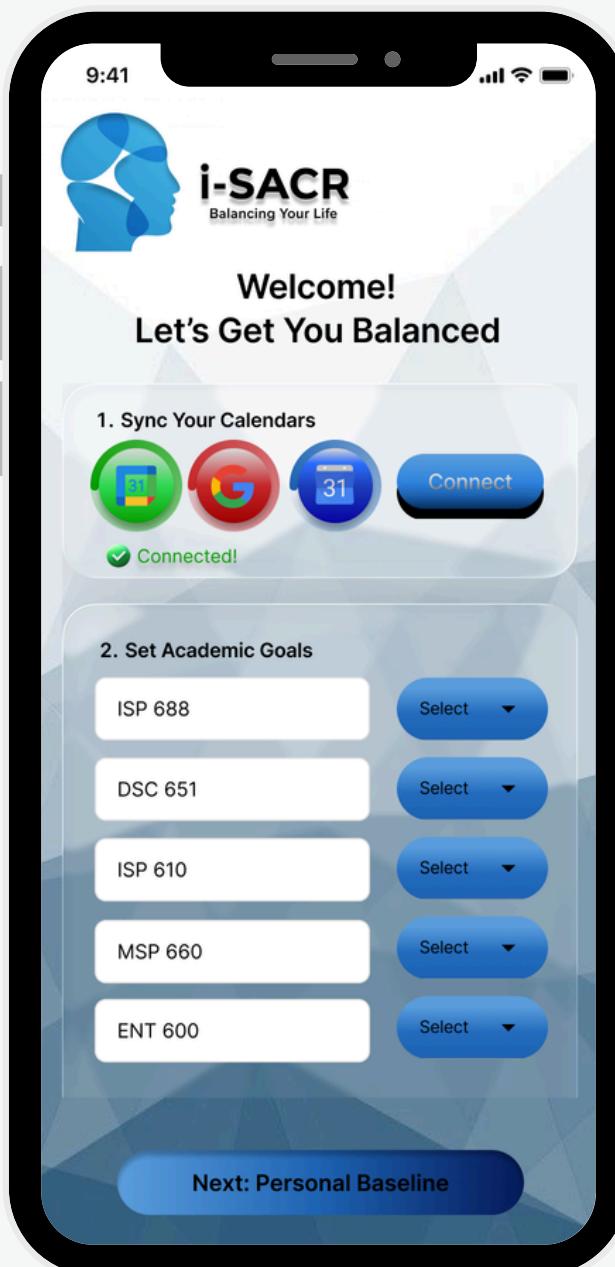


Sign in

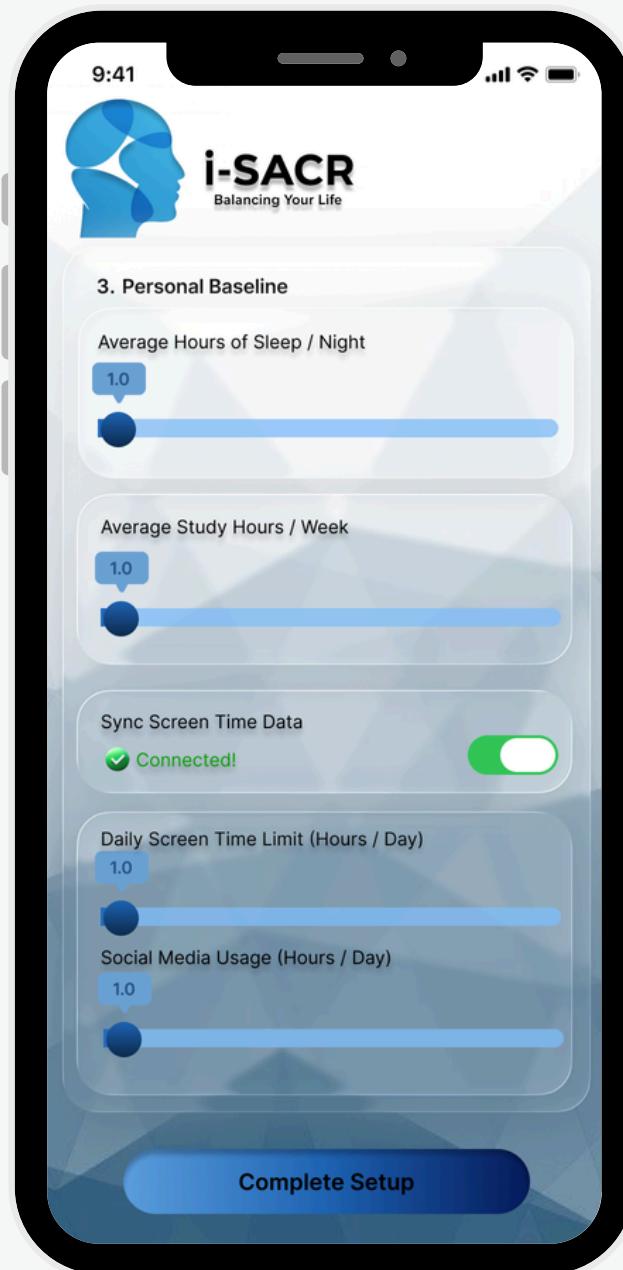


USER SIGN IN INTERFACE

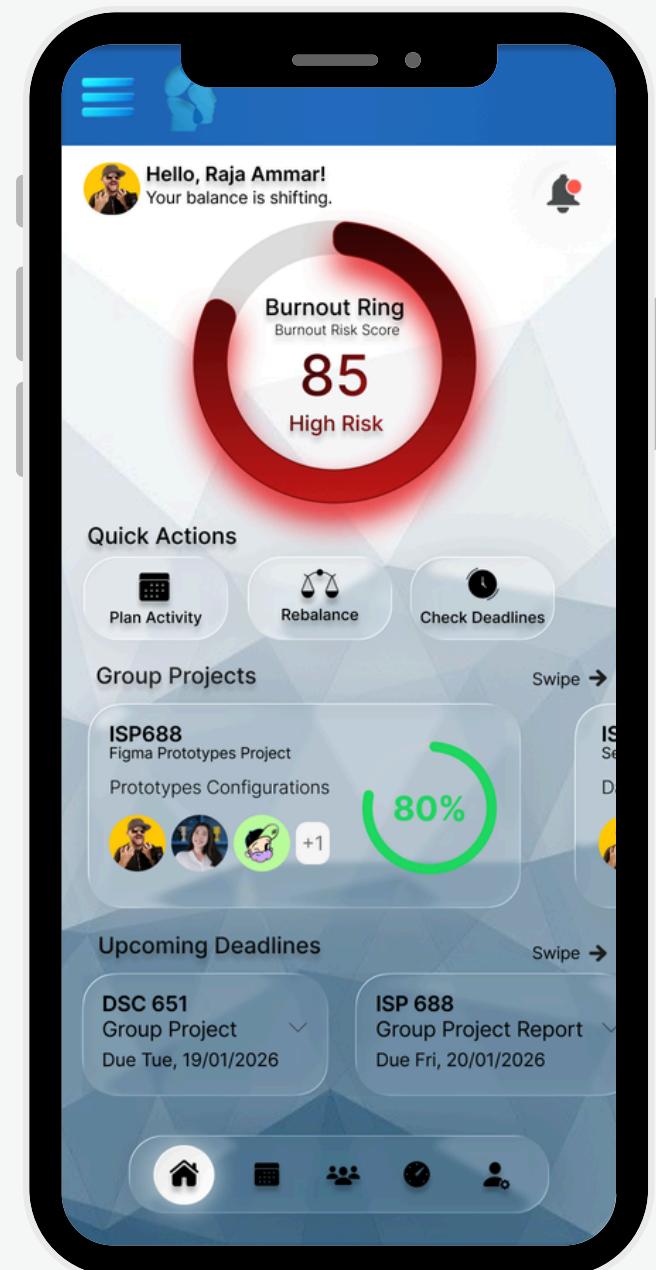
1. Sync Calendar, Set Academic Goals



2. Personal Baseline



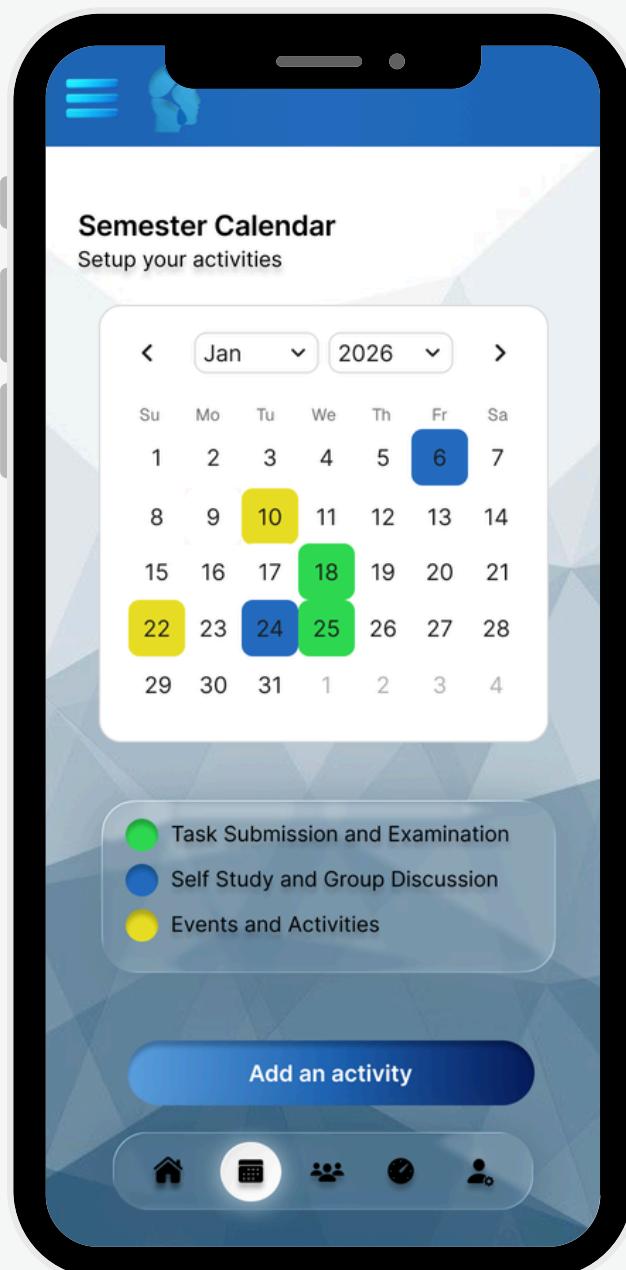
3. Home Screen



ADD TASK ACTIVITY INTERFACE

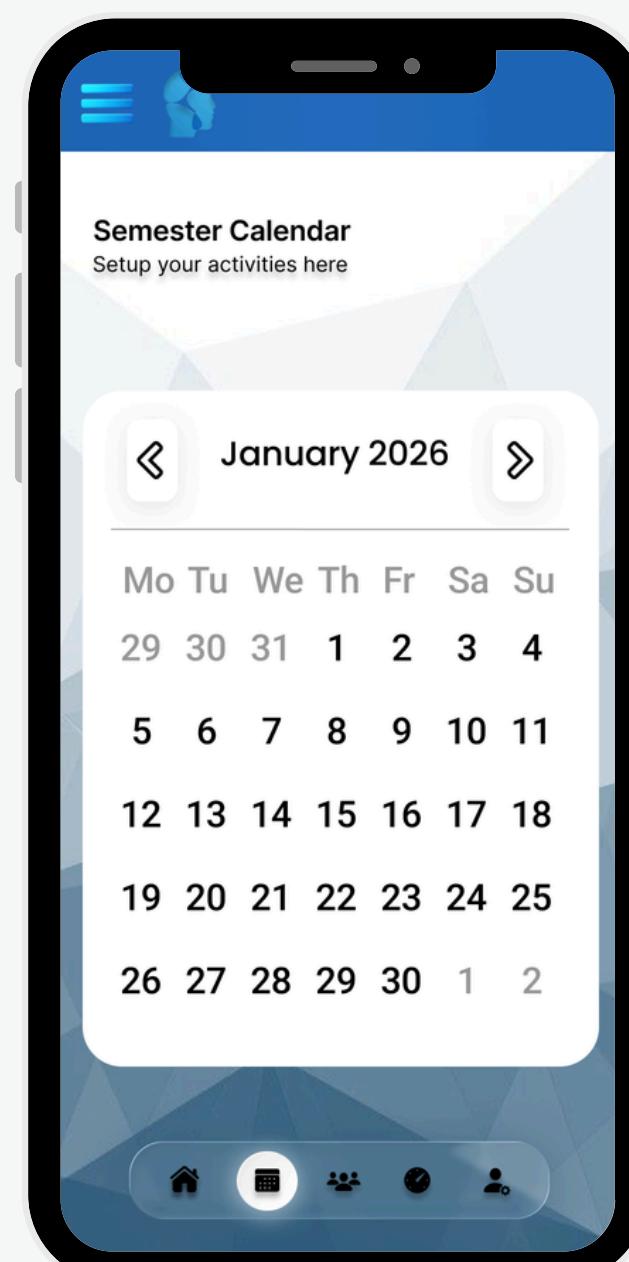
1.

Add activity



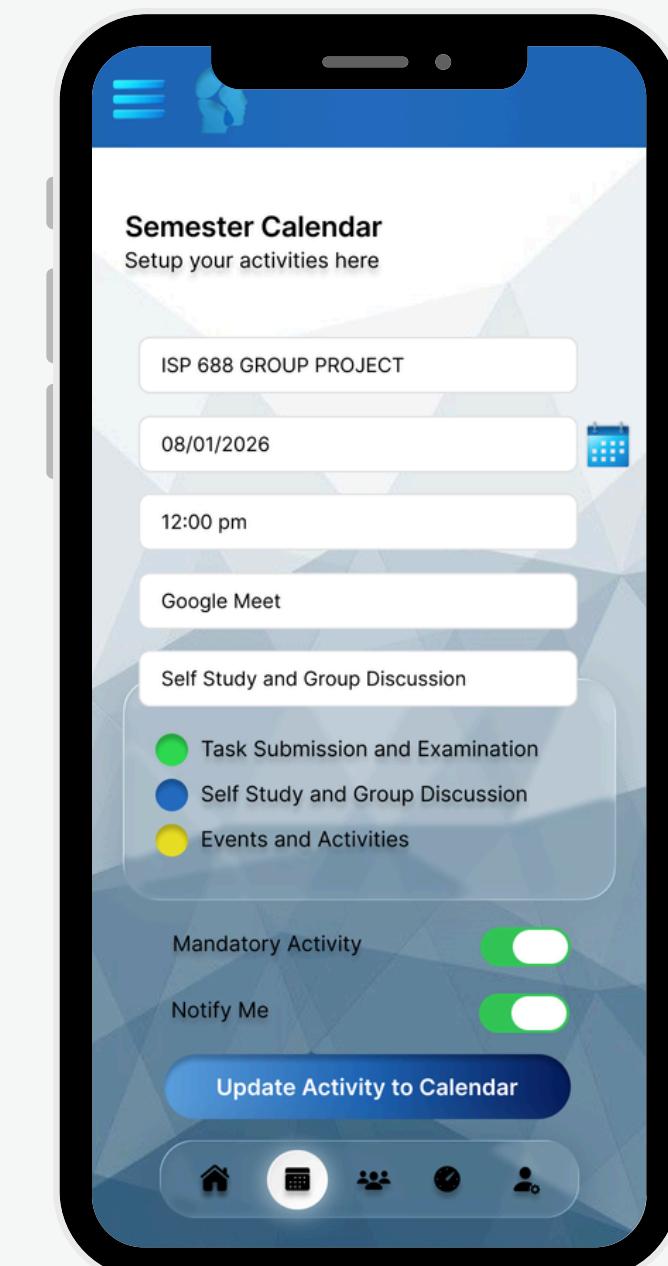
2.

Select Date



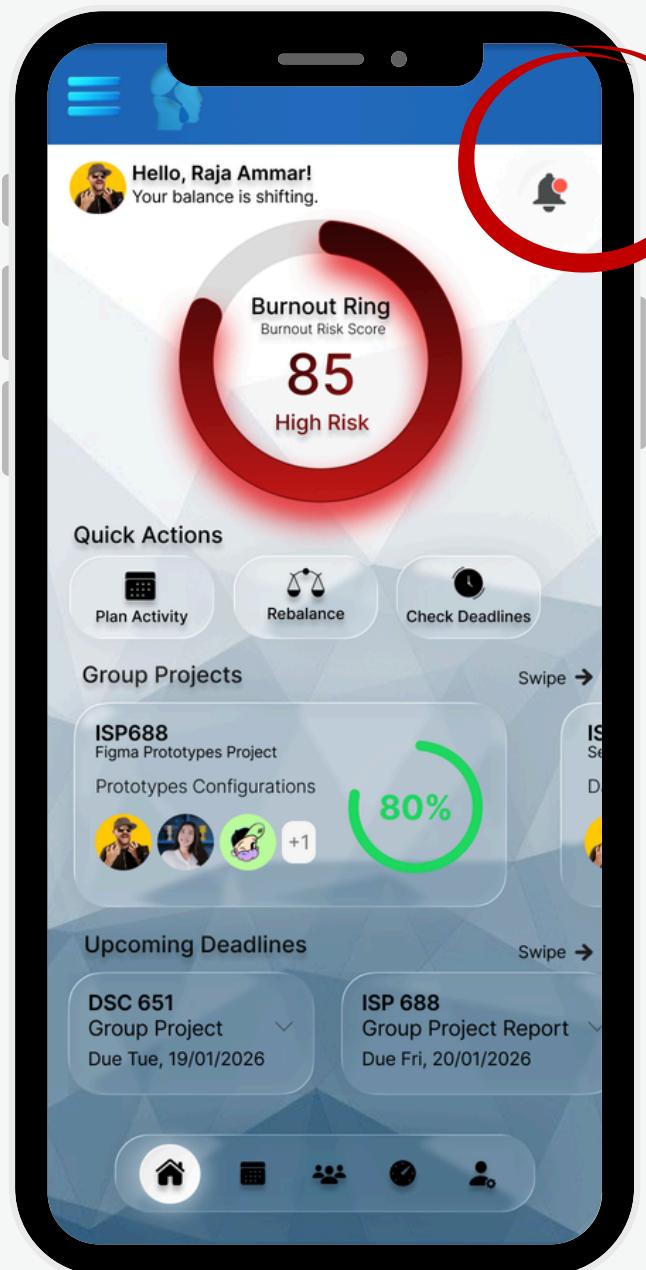
3.

Fill the details

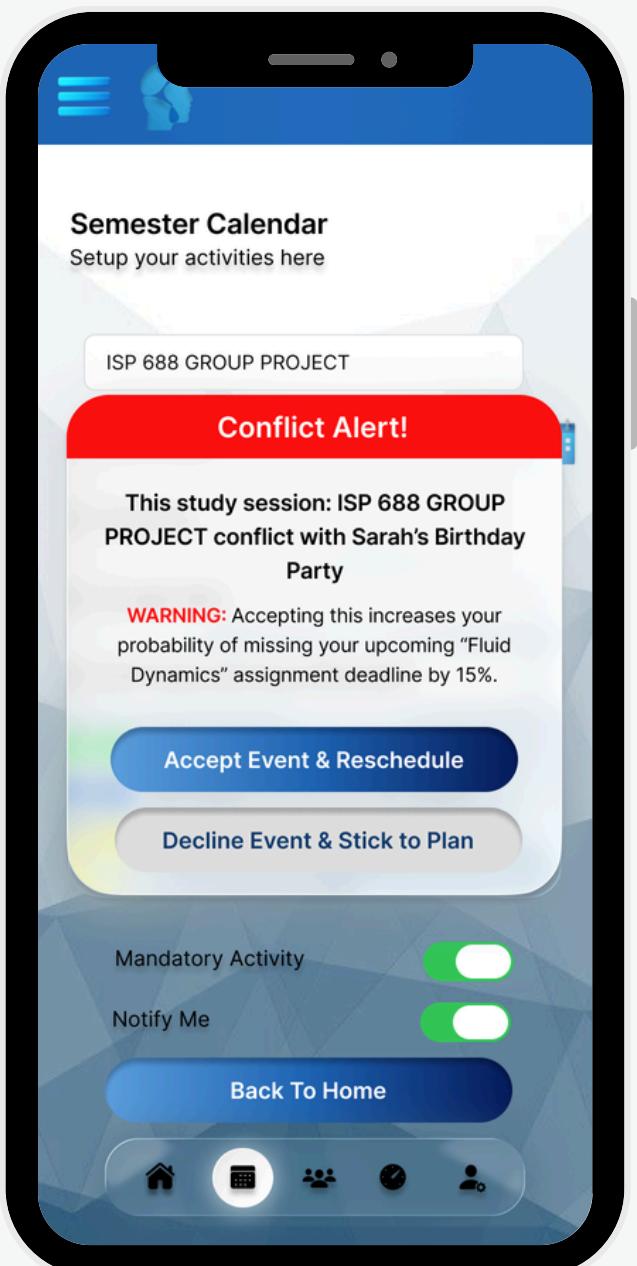


CONFLICT ALERT INTERFACE

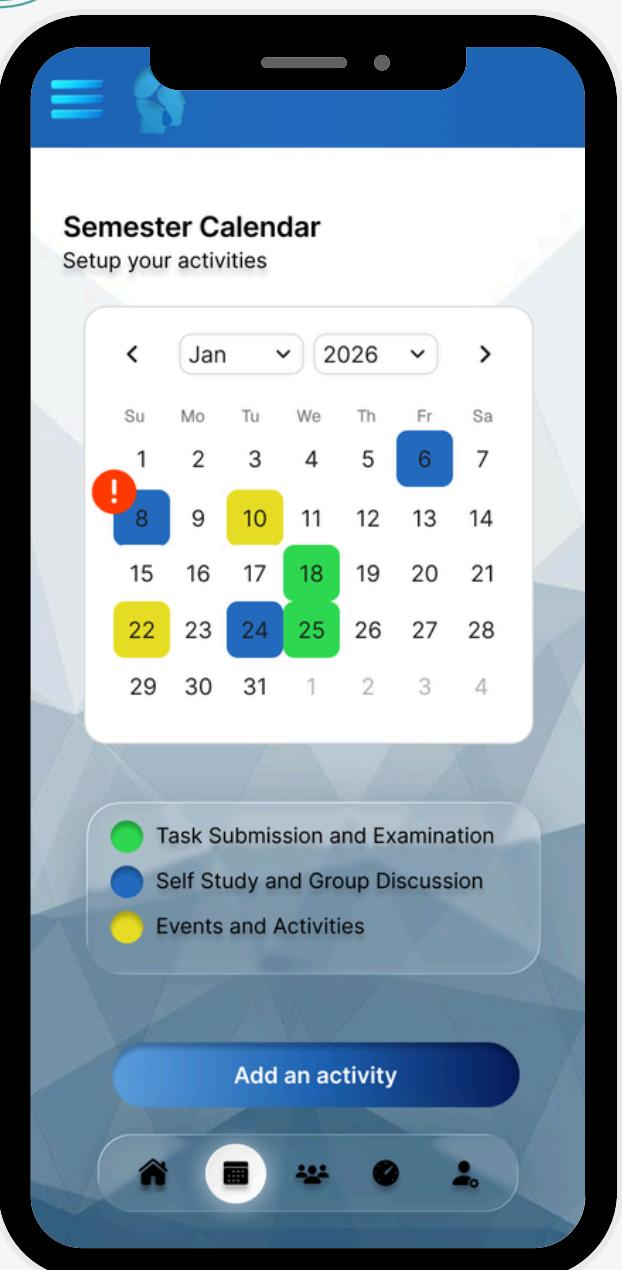
1. Conflict Alert



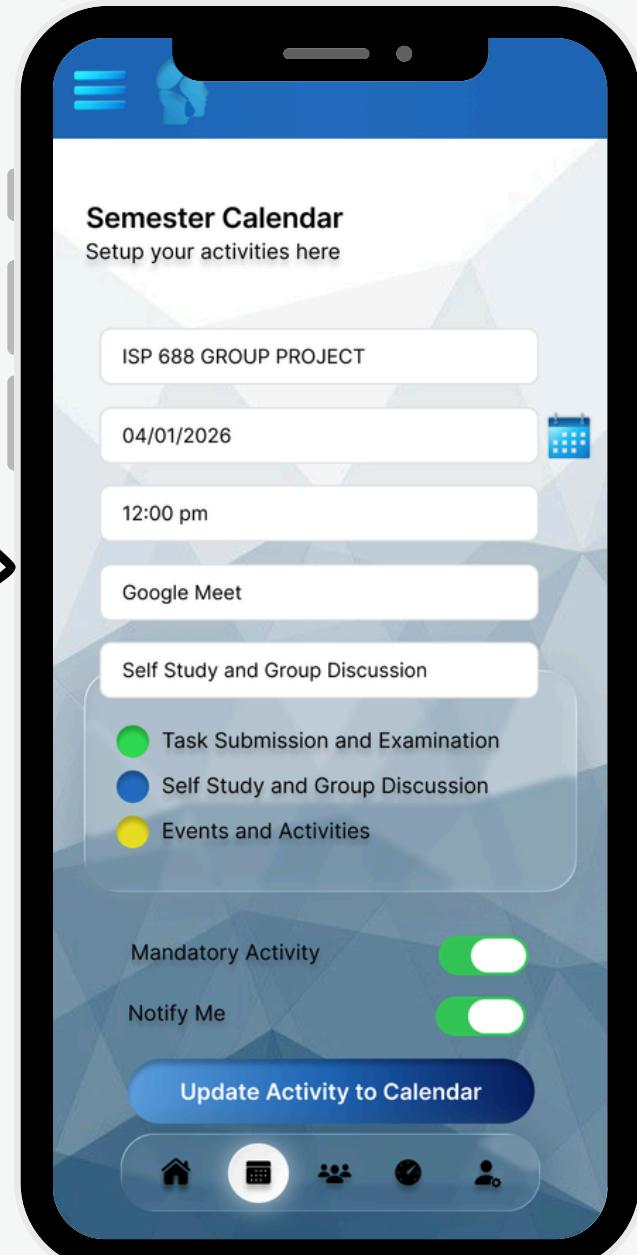
2. Reschedule/ Stick to Plan



3. Select New Date



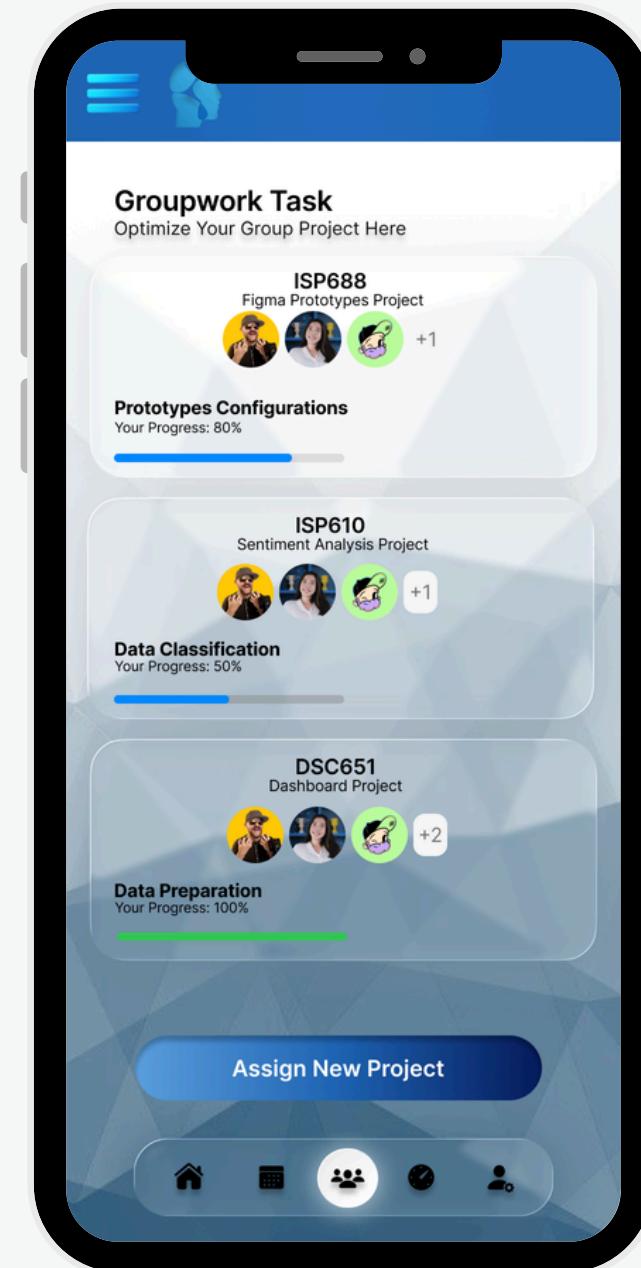
4. Fill Details



GROUPWORK TASK INTERFACE

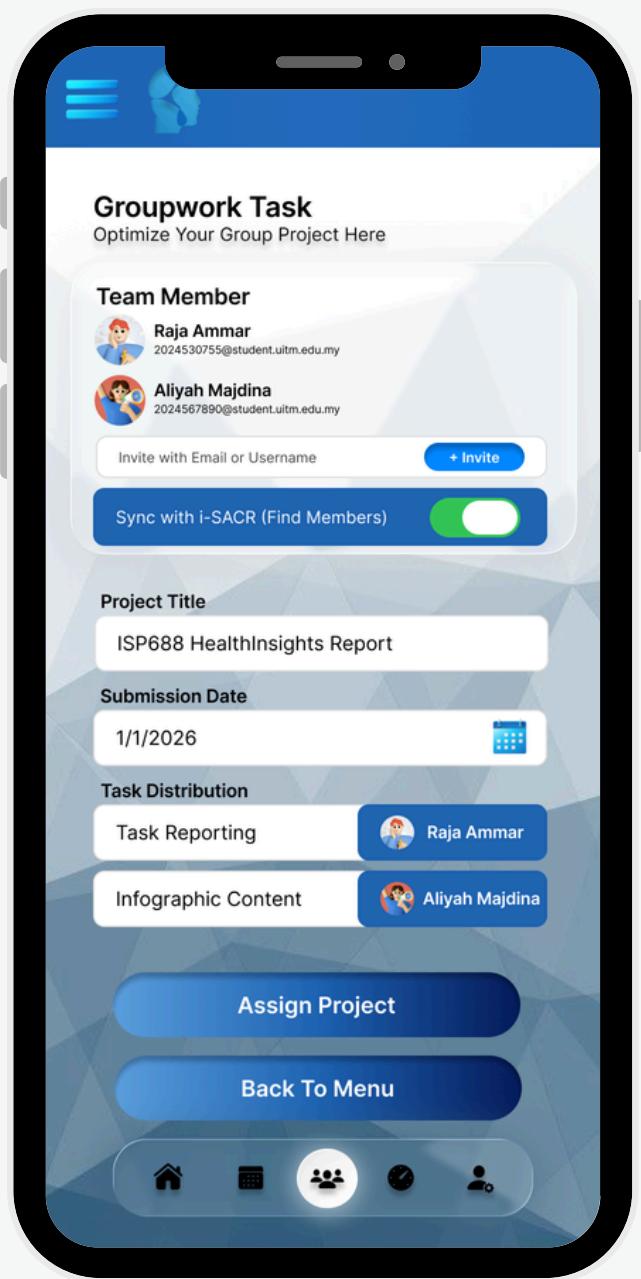
1.

Groupwork Task



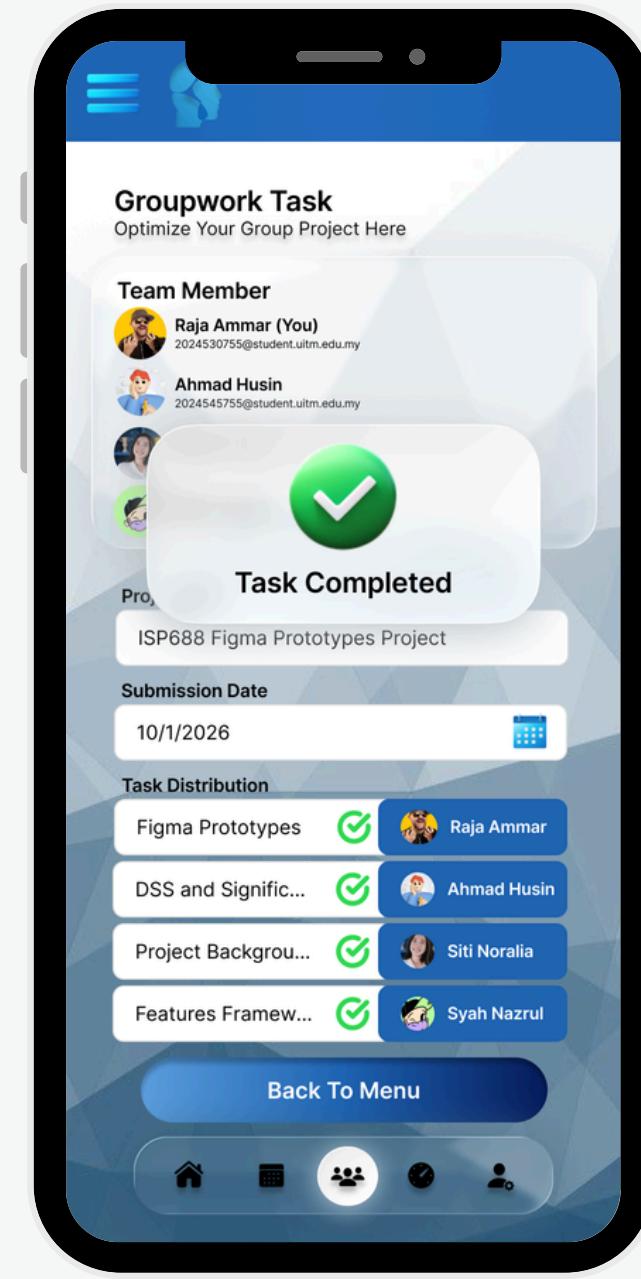
2.

Invite Member, Sync and Details of Project

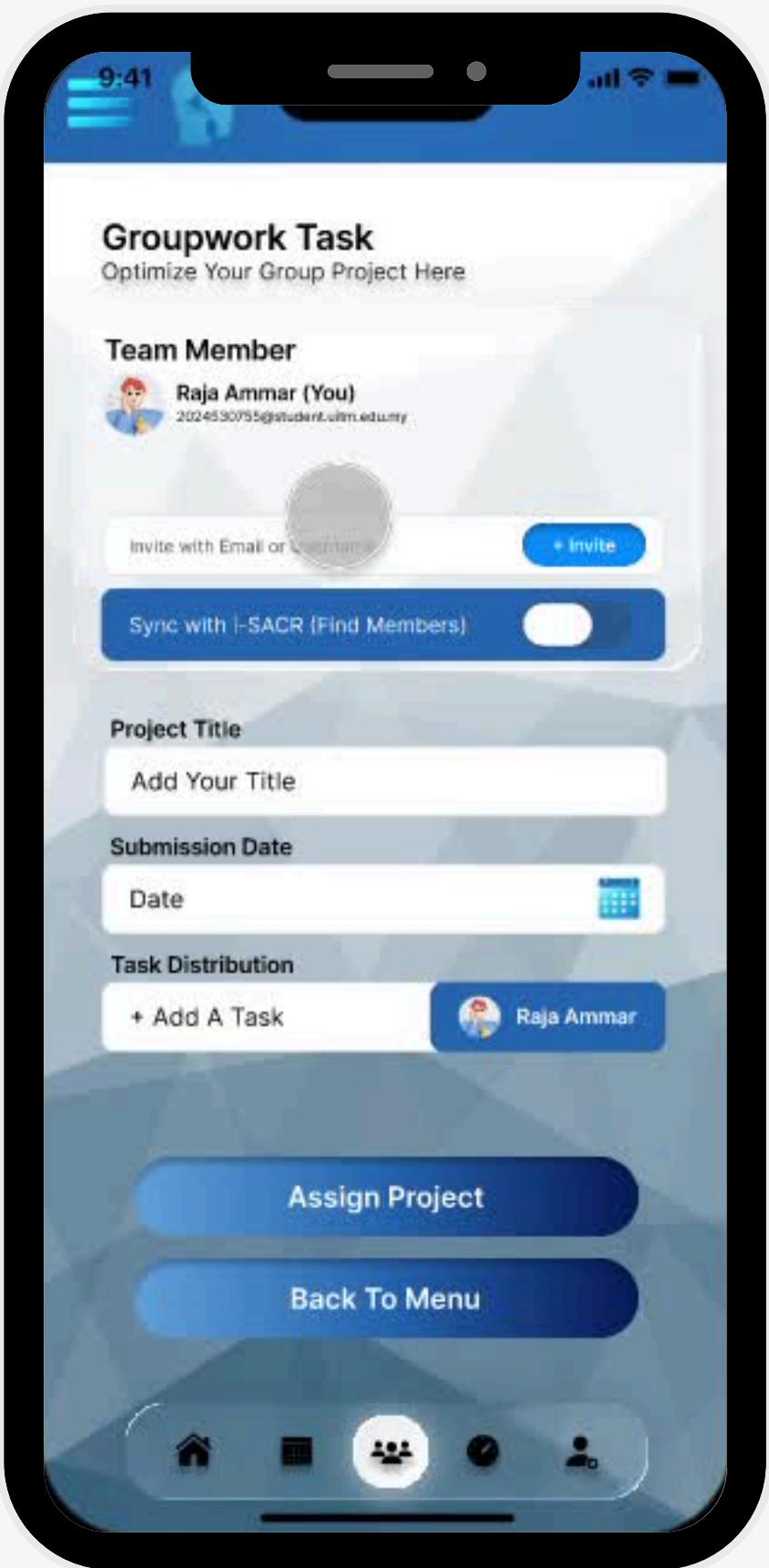


3.

Task Completion



USER INTERFACE (DESIGN)

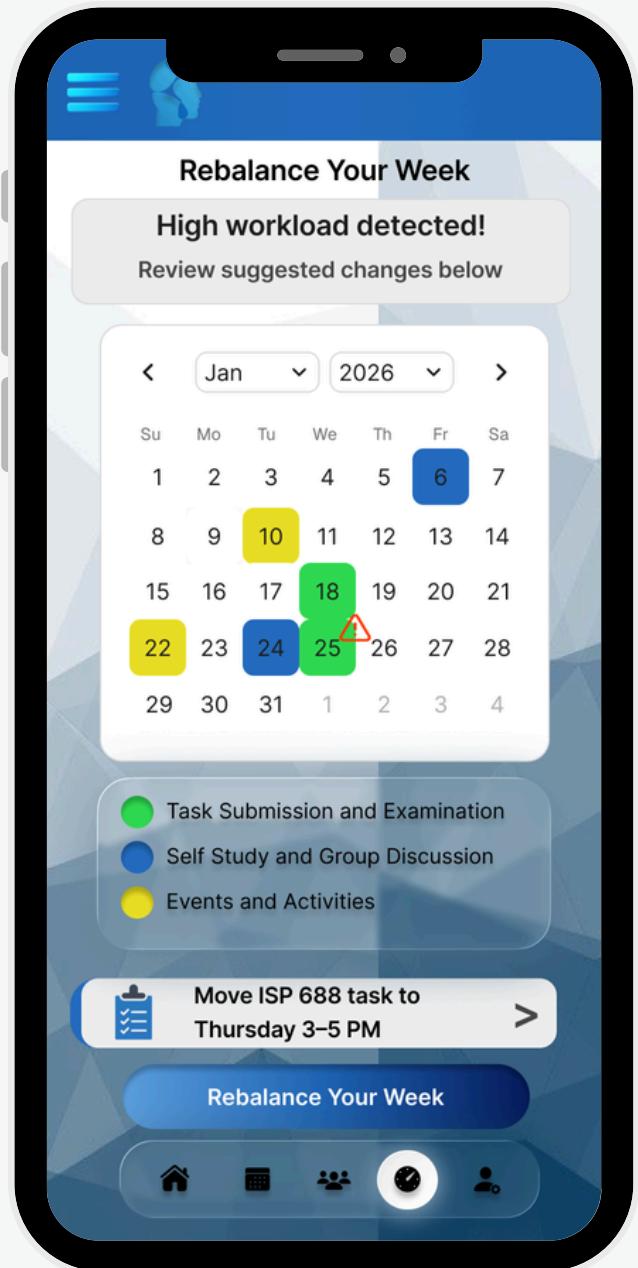


BURNOUT INTERFACE

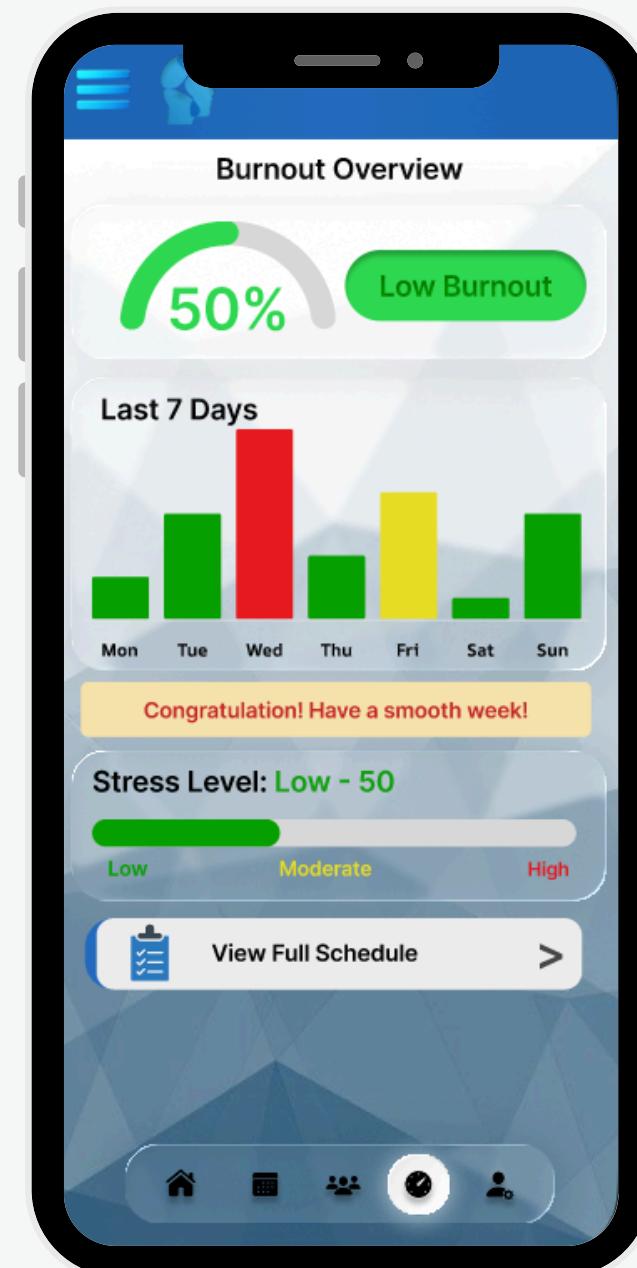
1. Reduce Burnout



2. Suggestion to Rebalance Week



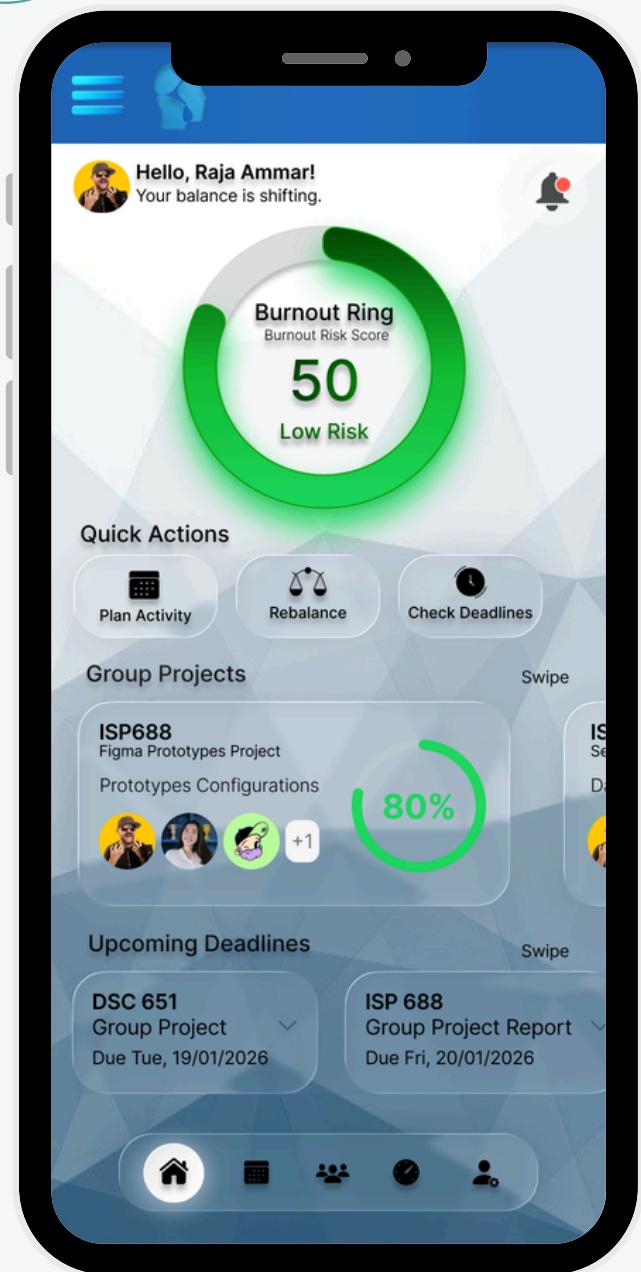
3. After Rebalance



RESET INTERFACE

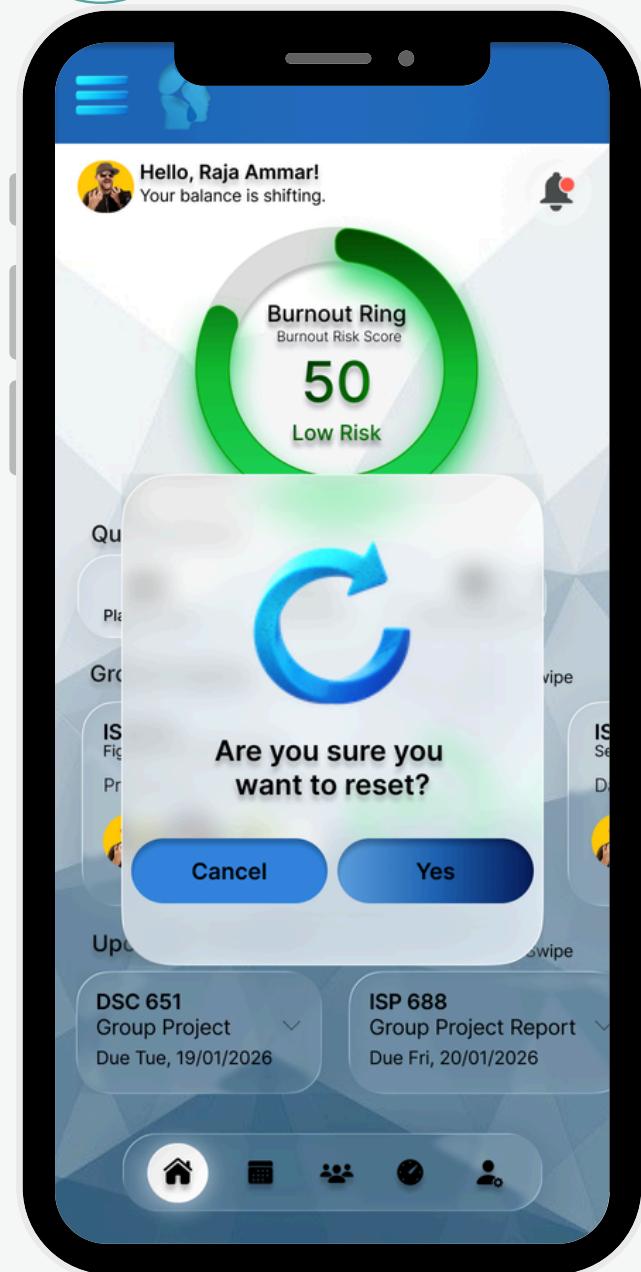
1.

Home Page



2.

Reset



PROJECT SIGNIFICANCE

Integration of Academic Management, Stress Monitoring and Coping Planning

Assist on achieving the balance between academic and personal life

Decision-Making Assistance

Supports students in making decisions about workload management

Awareness of Mental Health

Reducing the risk of academic disengagement and psychological strain



DSS IMPLEMENTATION

Data Management Subsystem

Capabilities of storing important data as ensuring data quality and security

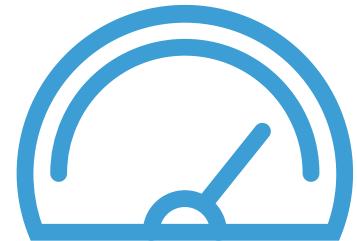
Model Management Subsystem

Multiple models used which is analytical, tactical and operational model

User Interface

Student-friendly interface as supports interactive decision-making

NOVELTY



Burnout Level Indicator

- Low (1-50)
- Medium (51-75)
- High (76-100)



Groupwork Collaboration

- Multiple users can be included
- Assigned specific tasks
- Progress tracking for each member



Schedule Recommendations

- Help rebalance activities, lessen excessive workload and increase productivity
- Make well-informed choices for personal & academic wellbeing



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Thank You!

