



DESIGN THINKING PROJECT

Presented by: Group 1

PROJECT NAME : AI SMART SCHEDULE

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PROBLEMS & CHALLENGES

1. **Poor time management** — limited scheduling skills; frequent forgetfulness; lack of reliable reminders; no structured daily plan.

2. **Missed or unknown opportunities** — limited discovery of relevant events; no personalized recommendations; users miss useful programs.

3. **Communication gaps** — participants lack context or agenda, causing cancellations and reschedules.

1. POOR TIME MANAGEMENT

- Lack of planning skills — users struggle to organize tasks and allocate time effectively.
- Frequent forgetfulness — commitments are overlooked without reliable reminders.
- No structured schedule — daily activities are handled reactively instead of proactively.
- Overlapping tasks — multiple responsibilities clash due to poor prioritization.
- Low productivity — wasted time on rescheduling and catching up.

2. MISSED OR UNKNOWN OPPORTUNITIES

- Limited visibility of events — users are unaware of upcoming programs or deadlines.
- No recommendation system — relevant events or opportunities aren't surfaced proactively.
- Missed useful programs — valuable workshops, meetings, or activities go unnoticed.
- Information overload — important updates are buried under irrelevant notifications.
- Reduced engagement — individuals fail to participate in opportunities that could benefit them.

3. COMMUNICATION GAPS

- Unclear agendas — meetings lack context, leading to confusion and wasted time.
- Poor coordination — participants don't receive updates or changes promptly.
- Missed notifications — critical reminders fail to reach the right people.
- Fragmented communication channels — information is scattered across apps and platforms.
- Rescheduling issues — lack of timely communication causes cancellations and conflicts.

SOLUTIONS OVERVIEW

1. **AI-auto-scheduling:** Generates optimized schedules, detects overlaps, and proposes alternatives.

2. **Event promotion + AI recommendations:** Surfaces relevant events and evaluates fit against your existing schedule.

3. **Smart notifications:** Timely reminders, warnings, and updates about new or changed events.

1. AI AUTO SCHEDULING

- Automated schedule generation: Builds a structured plan from user-entered events, dates, and times.
- Conflict detection: Flags overlaps instantly and highlights impacted tasks or participants.
- Actionable suggestions: Offers replacements, rescheduling options, or cancellations with rationale.
- Priority-aware optimization: Accounts for event importance, deadlines, and preferred time windows.
- User control: Final confirmation remains with the user to ensure accuracy and trust.

2. EVENT PROMOTIONS + AI RECOMMENDATIONS

- Curated event feed: Promoted events from schools, organizations, and universities.
- Personalized relevance: Filters by user interests, role, and past participation.
- Schedule fit analysis: Evaluates timing against the current schedule and constraints.
- Inline guidance: “Recommend,” “Consider,” or “Warning” labels on event descriptions.
- One-click add or dismiss: Quick actions to accept, reschedule, or hide events.

3. SMART NOTIFICATIONS

- Proactive reminders: Timely alerts before events and deadlines.
- Conflict warnings: Notifications when new entries cause overlaps or resource clashes.
- New event updates: Highlights newly promoted or **relevant** opportunities.
- Context-rich messages: Include agenda, participants, location, and proposed actions.
- Flexible delivery: Email, in-app, and push notifications with quiet hours.