

# TutorEase

A mobile app that streamlines booking tutoring sessions, tracking academic progress, and engaging in personalized learning for students across Canada.

## **Team Members:**

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**Team Lead:** Thanh Nguyen (responsible for all joint submissions in the project).

# Introduction

TutorEase is a mobile application designed for Canada Online Tutoring, focusing on enhancing the user experience for students seeking virtual tutoring services. The app allows users to easily book one-on-one sessions with qualified tutors, monitor their academic progress through personalized dashboards, and stay engaged with tailored learning resources and notifications. Built with a user-centered approach, it addresses key flows like onboarding, session booking, and progress tracking to reduce friction and improve accessibility.

What makes TutorEase novel is its integration of seamless mobile features to the Canadian education landscape, such as real-time availability matching with tutors from top universities and progress analytics that adapt to individual goals—going beyond generic platforms by emphasizing safety, satisfaction, and cultural relevance for Canadian students.

Motto for your app: "Empower Your Learning, Effortlessly."

## Background Research

Market competitor apps include established online tutoring platforms with mobile capabilities for booking and progress tracking. Key competitors are Varsity Tutors, which offers instant booking and live sessions via app; Douglas College's WOnline booking portal provides a robust, yet effective real-time calendar-based tutor booking sessions; Wyzant, focusing on tutor matching and scheduling through a user-friendly mobile interface; Preply, known for one-on-one lessons with flexible booking; and Tutor.com, providing 24/7 access to experts with progress reports. These apps compete by offering broad subject coverage but often lack deep personalization for Canadian curricula or integrated safety features like those in Canada Online Tutoring's model.

Market inspiration apps include those excelling in educational engagement, progress tracking, and booking systems. Duolingo inspires gamified learning and daily streaks for sustained engagement; MyStudyLife provides robust class scheduling and homework tracking, offering ideas for intuitive progress dashboards; iStudiez Pro demonstrates effective grade and task management in a mobile-first design; and Schoology influences collaborative features for tutor-student interactions and analytics. These inspirations bring perspectives on reducing user friction in educational domains, adapting them to tutoring for a transformative mobile experience.

# PACT Framework

- **People:** Primary users are students (K-12 through higher education) seeking academic support in subjects like math, science, and writing; parents monitoring progress; post-graduate students seeking for flexible-time tutoring sessions; and tutors delivering sessions.
- **Activity:** Key activities include onboarding with personalized profiles, browsing and booking tutor sessions via calendars, participating in virtual lessons, tracking progress through dashboards (e.g., grade trends, session summaries), and receiving engagement notifications like reminders or resource recommendations.
- **Context:** Users interact in varied settings, such as on-the-go via smartphones during commutes, at home for focused sessions, or in school for quick checks
- **Technologies:** Requires mobile frameworks for iOS/Android compatibility; integration with calendars and push notifications; AI for tutor matching and progress analytics; Figma for prototyping; and accessibility tools like screen readers and high-contrast modes.

## Value Proposition

Based on the PACT framework, TutorEase delivers high utility through frictionless booking and real-time tracking, novelty via personalized Canadian-focused matching and gamified engagement, and an empowering feel that builds student confidence. Draft value proposition: "TutorEase revolutionizes online tutoring by providing mobile-first access to expert guidance, effortless scheduling, and insightful progress tools, enabling students to achieve academic excellence with flexibility and personalization."

## Project Contract

- I will dedicate consistent time blocks weekly (e.g., 10-15 hours) to project phases like research, wireframing, and prototyping.
- I will track progress through daily logs and use tools like GitHub for version control.
- Communication with mentors or instructors will occur via scheduled check-ins (e.g., weekly emails or meetings).
- In case of challenges, I will seek feedback promptly and adjust timelines as needed.
- Additional agreements: Work will follow a structured agenda, prioritizing user-centered design principles.

Signed: Mikhail Senatorov (Date: October 4, 2025)

Signed: Quang Thanh Nguyen (Date: October 4, 2025)

## Optional Preliminary List of Features

- Onboarding Flow: Quick profile setup with goal assessment and tutor recommendations.
- Booking Calendar: Real-time availability search, instant scheduling, and flexible rescheduling.
- Progress Dashboard: Visual analytics of session history, grade improvements, and personalized tips.
- Engagement Tools: In-app chat with tutors, notifications for sessions, and gamified rewards for consistency.
- Accessibility Features: Voice-over support, color-blind modes, and simple navigation.
- Payment portal: Verifies and manages the payment for any service subscriptions
- User Authentication: Identifies users through Username and Password.
- Service consulting: Connects to an available agent to receive supports for service and technical options (feature existed on the company's website)

## AI Use Section

**Table of AI Tools and Specific Use**

AI Tool Name	Version, Account Type	Specific Feature for Which the AI Tool Was Used
Grok 4	Built by xAI, accessed via grok.com (PremiumPlus subscription)	Generating proposal structure and content, including introduction, PACT framework, and value proposition; researching competitors and inspirations via web search tools; summarizing company website for app alignment.

## Value Addition

Beyond the AI's draft generation and research summaries, I customized the content to fit the Canada Online Tutoring project specifics, incorporating insights from the company website (e.g., satisfaction guarantee, tutor screening) and refining features for mobile UX improvements like reducing friction in booking. I also ensured the proposal aligns with deliverables such as Figma prototypes and accessibility checklists, adding personal emphasis on Canadian relevance not directly from AI outputs.

## Appendix: Prompt History

- User Prompt: Provided project description for Canada Online Tutoring mobile UX/UI design, including template images.
- AI Response: Tool calls for web searches on "top online tutoring apps 2025" and "best mobile apps for educational progress tracking and booking 2025"; browsed <https://canadaonlinetutoring.ca> for site summary.
- Subsequent Reasoning: Integrated search results for competitors (e.g., Varsity Tutors, Preply) and inspirations (e.g., Duolingo, MyStudyLife); used site info to tailor app to existing services like personalized plans and progress tracking.

## Work Date/Hours Logs for Each Student

**Student Name: Mikhail Senatorov**

Date	Number of Hours	Description of Work Done
Sep 28, 2025	1.5	Reviewed project objectives and company website – notes on UX opportunities added to repo.
Sep 30, 2025	2	Researched competitors and inspirations – compiled background section draft.
Oct 2, 2025	1.5	Outlined PACT framework and value proposition – updated document in repo.
Oct 3, 2025	2	Drafted introduction, features list, and AI section – refined for novelty focus.
Oct 4, 2025	1	Finalized contract, work logs, and references – checked into repo under docs folder.

**Student Name: Quang Thanh Nguyen**

Date	Number of Hours	Description of Work Done
Sep 26, 2025	3	Company Research - Conducted research about the company's website and services before meeting the employer.
Sep 27, 2025	2	App Implementation Research - Research about booking app's main feature, experiencing existing apps on the market under the user's perspective; Consulted experienced individuals in the field through existing connections for advices.
Sep 30, 2025	2	PACT framework prototyping - sketched a rough PACT framework prototype that aligns with the company's expectation gathered from the first meeting, would be finalized in the proposal
Oct 3, 2025	1.5	Technology setup – Learned more about the company's productivity technology and how to use them, to better integrate with the company's workflow.
Oct 4, 2025	3	Finalizing and starting – Formatting and finalizing the proposal document, ensure the objective is aligned to the company's expectation as stated in the kick-off meeting. Starting the company's first objective: Conduct Comparative and Competitive research for the upcoming app.
From Oct 5, 2025 – Oct 10, 2025	-	We will finish the sketch of the app's userflow diagram, as well as comparative and competitive research by the next meeting (Oct 10, 2025 – 7pm EDT)

# Closing and References

No acknowledgements needed at this stage.

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