

MOMENTUM TECHNOLOGIES GROUP

Adjusted Schedule for TutorHQ (Delivery: Mid-December)

Phase 1 – Planning & Setup (2 weeks)

- Requirement gathering + finalize scope (focus on scheduling, tutor management, payments, and video).
- Choose tech stack (React, Node.js/Django, database, video API).
- Deliverables: Finalized scope + project plan.

Phase 2 – Core MVP Build (6 weeks)

Week 1–2 (Late Sept – Early Oct):

- Authentication & user roles (tutor, student, admin).
- Tutor & student profile creation.

Week 3–4 (Mid Oct):

- Scheduling + booking system.
- Calendar view.

Week 5–6 (Late Oct – Early Nov):

- Payments (Stripe/PayPal/local gateway).
- Basic admin dashboard.

Phase 3 – Essential Integrations (3 weeks)

Week 7–8 (Mid Nov):

- Video conferencing integration (Zoom/Google Meet/embedded API).
- Notifications (email reminders).

Week 9 (Late Nov):

- Reviews/ratings.
- Resource sharing (basic document upload).

Phase 4 – Testing & Delivery (2–3 weeks)

Week 10–11 (Early Dec):

- Functional testing & bug fixing.
- Pilot testing with a small group.

Week 12 (Mid Dec):

- Deliver MVP prototype to TutorHQ.
- Training + maintenance agreement.

Total Delivery: 12 Weeks → Mid-December Prototype

TutorHQ Development Plan (Mid-December MVP)

1. Scope of Work

The MVP will deliver 4 core services:

1. **One-on-One Tutoring (Live)** – students book private tutors.
2. **Student Group Sessions (Live)** – join scheduled sessions with tutors.
3. **Pre-Recorded Lessons (On-Demand)** – students access recorded videos anytime.
4. **Exam Preparation Hub** – structured packages for exam prep.

2. Schedule & Timeline

Phase 1 – Discovery & Setup (2 weeks, Sept)

- Finalize requirements (exact workflows, subjects, grade levels).
- Design wireframes for website flow.
- Choose tech stack:
 - **Frontend:** React / Next.js
 - **Backend:** Node.js or Django
 - **Database:** PostgreSQL/MySQL
 - **Video:** Zoom SDK or LessonSpace API
 - **Payments:** Stripe + PayFast (for South Africa)
 - **Storage:** AWS S3 for pre-recorded content

Deliverable: Project plan + design wireframes

Phase 2 – Core Features (6 weeks, Oct – Mid Nov)

Week 1–2:

- User accounts (student, tutor, admin roles).
- Profile setup.

Week 3–4:

- Booking system for 1-on-1 and group sessions.
- Calendar integration.

Week 5–6:

- Payment gateway integration.
- Video conferencing integration (Zoom/LessonSpace).
- Basic admin dashboard (session management, users).

Deliverable: Functional MVP with tutoring sessions + payments

Phase 3 – Content Features (3 weeks, Mid Nov – Early Dec)

- Pre-recorded session library (upload + playback).
- Exam prep hub (video + notes + practice sets).
- Search & filter tools.

Deliverable: Content library + exam hub live

Phase 4 – Testing & Launch (2 weeks, Dec)

- Internal testing (bugs, usability).
- Pilot with small group of tutors/students.
- Iterations + polish.

Deliverable: TutorHQ MVP live mid-December

3. Implementation & Software to Integrate

Here's where we can **copy/borrow proven features** instead of building from scratch:

- **Scheduling & Tutor Management** → Copy from [TutorCruncher](#)
 - Tutor profiles, calendar, booking flow
- **Video Conferencing** → Use [LessonSpace API](#) or Zoom SDK
 - Whiteboard + live tutoring features
- **On-Demand Lessons** → Copy flow from [MyEdSpace](#)
 - Recorded video library with filters
- **Payments** → Stripe (global) + PayFast (South Africa)
 - Seamless checkout for live sessions & courses
- **Exam Prep Hub** → Copy Udemy-style structure
 - Packages with video + notes + quizzes

4. Post-MVP (2026 Roadmap)

- AI tutor matching (recommend tutors based on student profile).
- Analytics dashboard (student progress, tutor performance).
- Mobile app version.
- Marketplace for tutors.