

Ustaad-X

AI that explains. Practice that proves. Tutors that help.

A public-ready learning platform for Cambridge, Pakistan Matric and Pakistan FSc students.



Product presentation

Students need more than answers.

They often memorize exam steps without understanding why they work.

One-size-fits-all explanations miss weak foundations and misconceptions.

Parents need safe, visible learning progress before paying for tutoring.

Human tutors need cleaner evidence, not long guesswork.



4

academic tracks

18

course pathways

1,367

prepared lessons

A learning loop from concept to exam.

AI explains the lesson in the student's preferred level of detail.

Practice turns answers into evidence: misconceptions, pace and confidence.

Students can request worked steps, visuals, foundation refreshers or deeper reasoning.

Tutor booking stays course-specific, with focused handoff notes.



AI tutoring

Exam practice

Human support

What is included at launch.

Separate Cambridge O Level, Cambridge AS & A Level, Pakistan Matric and Pakistan FSc course trees.
Original lessons, MCQ, structured and practical-style practice.
AI supervisor, moderation, grading, lesson explanation and resource support.
Verified tutor marketplace with external Zoom, Teams or Meet session links.



Safe

server-side API key

Email

password reset

Ready

Firebase + GoDaddy

API enabled without exposing secrets.

OpenAI key stays in Google Secret Manager and Cloud Run only.
Production fails closed if the API key is missing while live AI is required.
Password reset uses Gmail SMTP App Password through Secret Manager.
Safety checks, rate limits, no-store responses and private Cloud Storage remain active.



Cloud Run

Secret Manager

Firestore

Built for Google Cloud, Firebase and GoDaddy.

Google Cloud Run

Firestore + private tutor-media bucket

Firebase Hosting with __session cookie compatibility

GoDaddy domain points to Firebase public site

Health checks verify live AI, email reset and readiness



Public deployment target: <https://ustaad-x.com>

Use the public site for trust and conversion.

Login page includes a direct Product Presentation PDF link.

Students understand the product before registering.

Parents and tutors see the safety, course coverage and support model.

The PDF name is app-related and does not expose a version number.



Ustaad-X Product Presentation