Ali Bozorgzad

Full-Stack & Android Engineer | AI Researcher

About Me

Full-Stack & Android Engineer │ AI Researcher

M.Sc. in Artificial Intelligence from Isfahan University of Technology, with research focused on Federated Learning and multi-label object detection in videos. Specialized in Android development and deep learning (PyTorch/TensorFlow), with hands-on experience in building scalable mobile applications integrated with robust API backends and intelligent AI models.

Recognized for academic excellence, achievements in programming, and AI-based vision competitions. Focused on delivering high-performance Android apps and intelligent AI-driven solutions that emphasize optimization, maintainability, and user engagement.
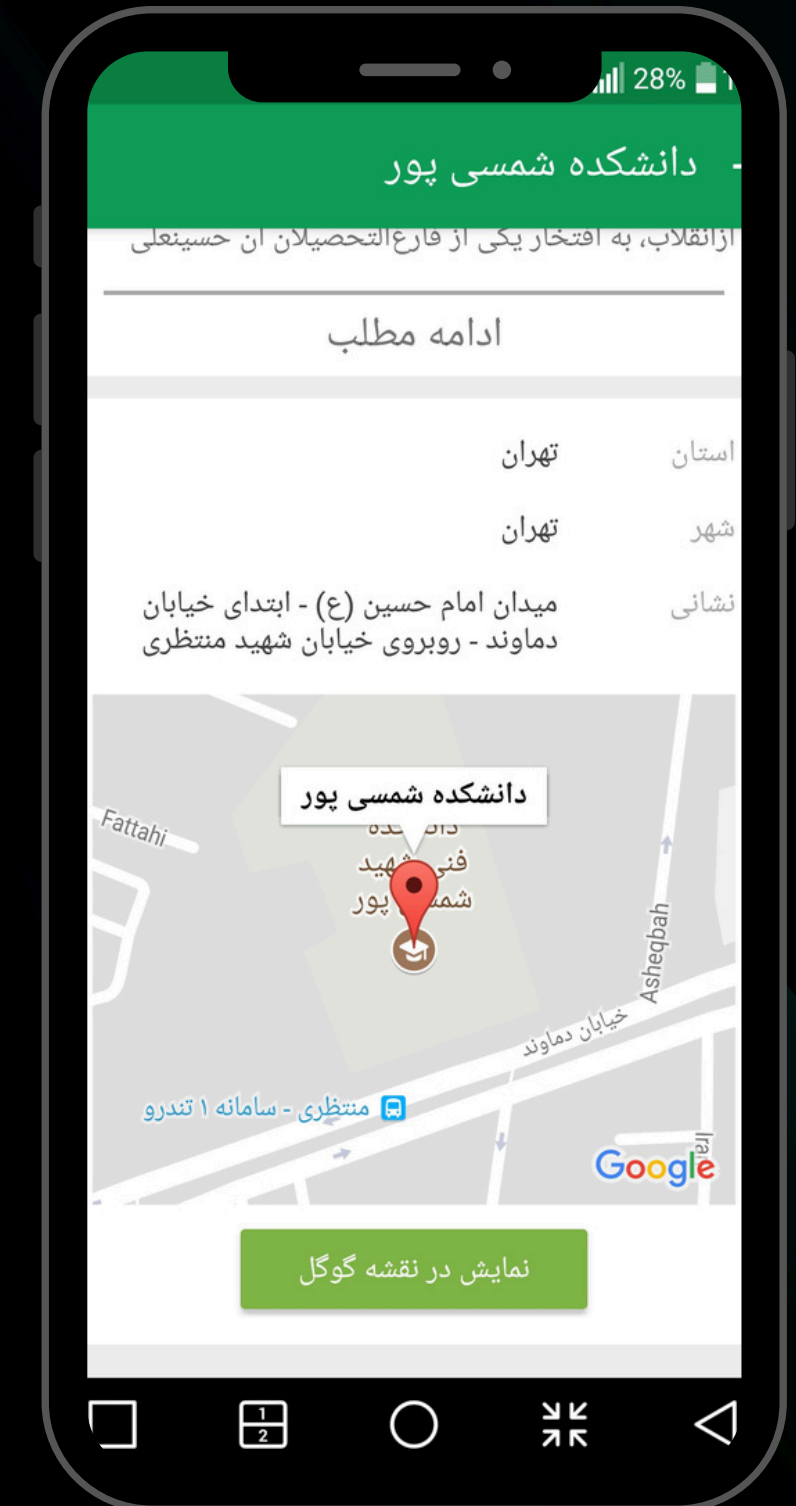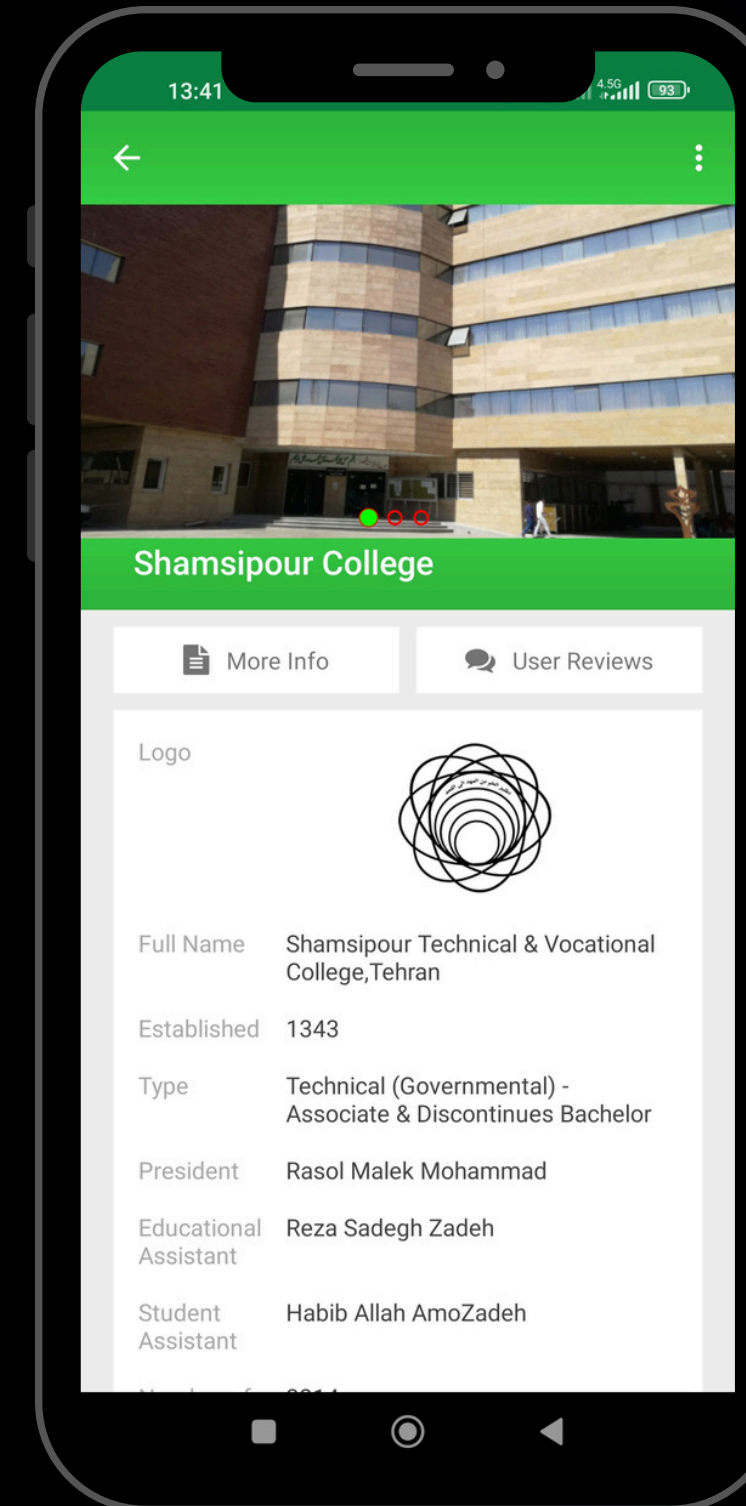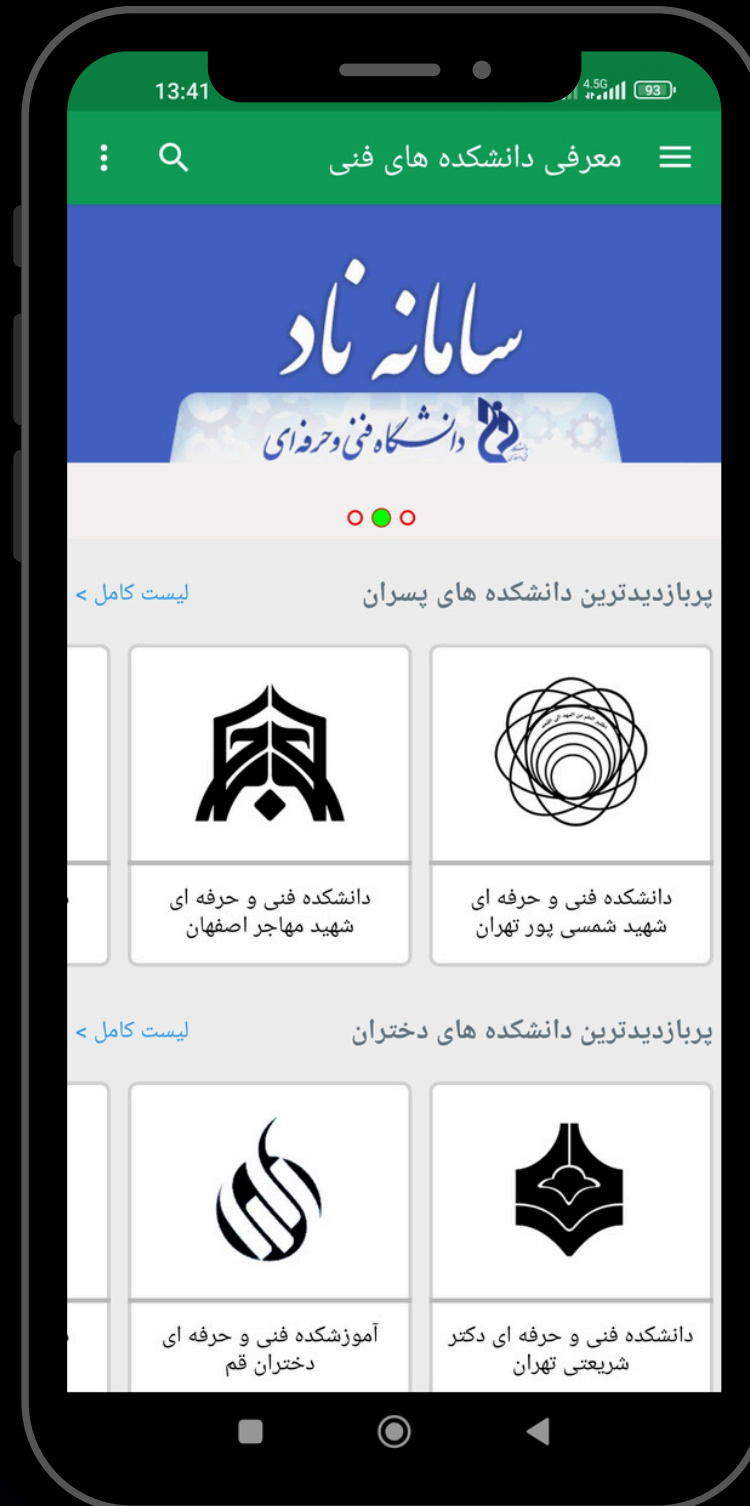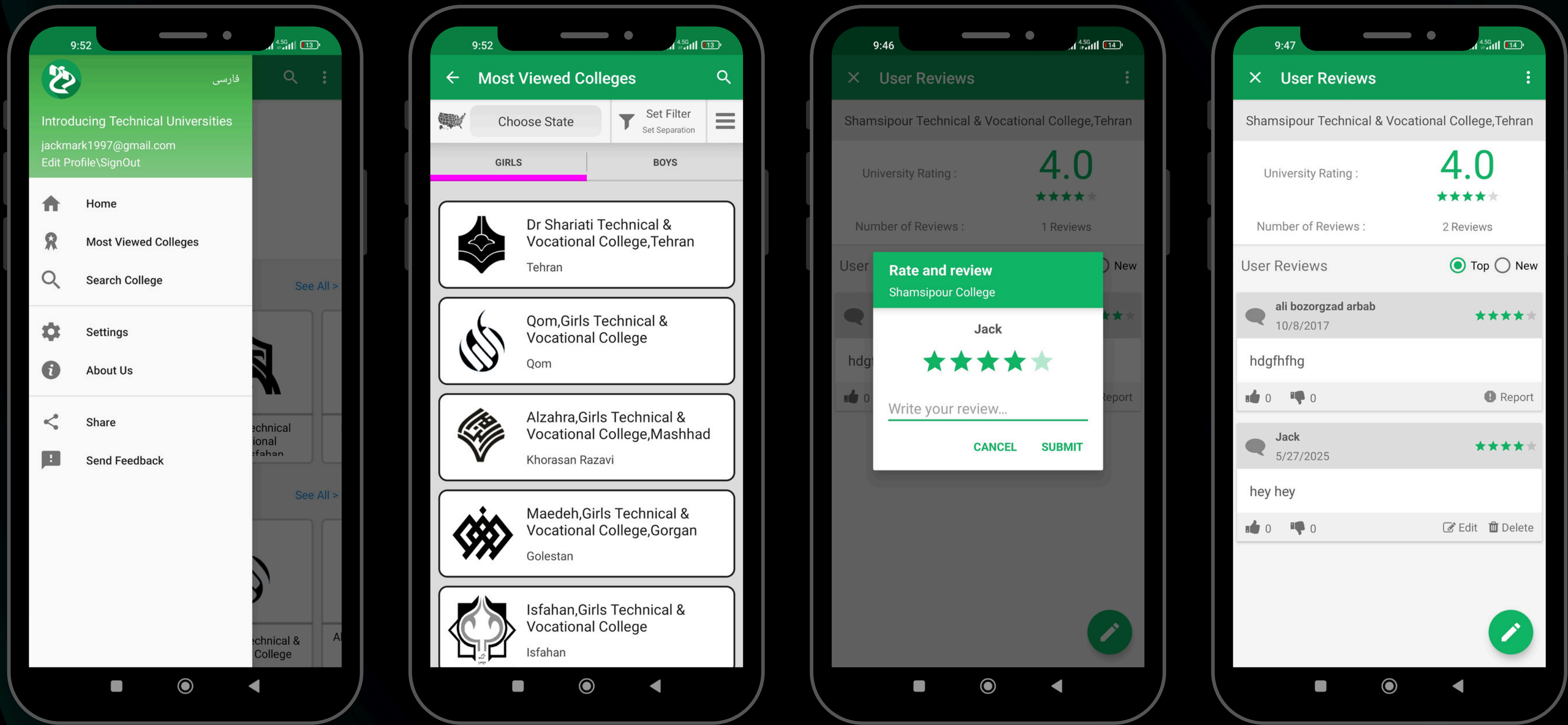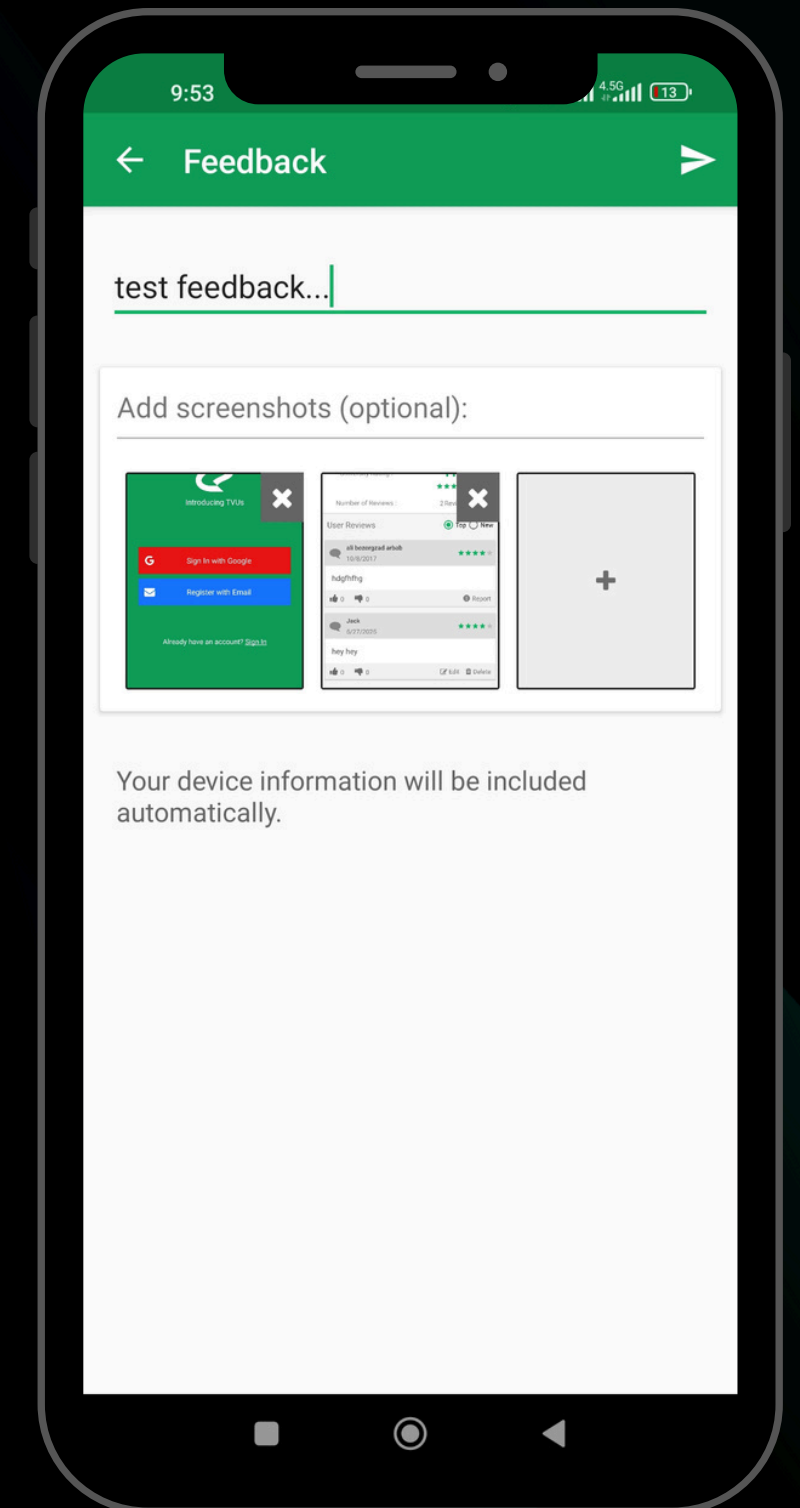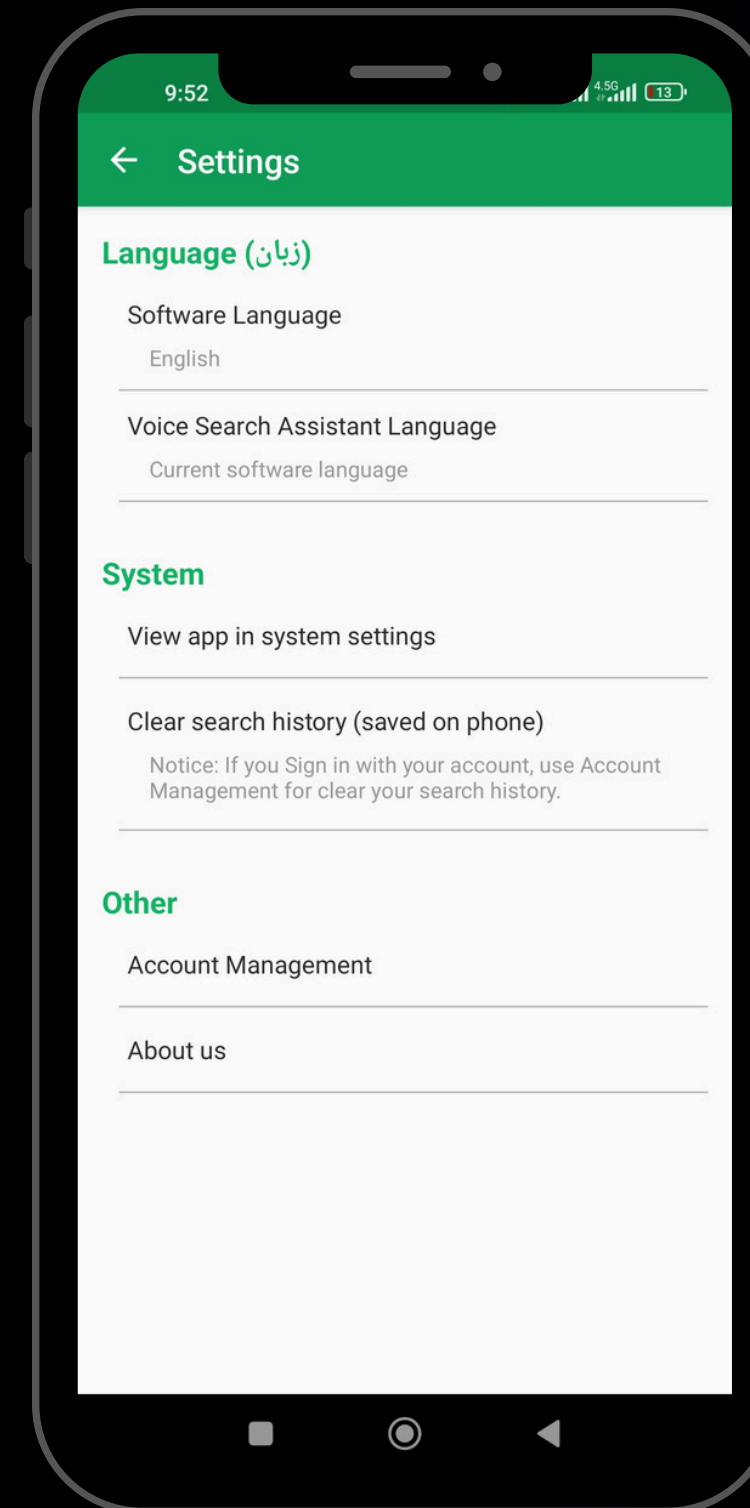
CV
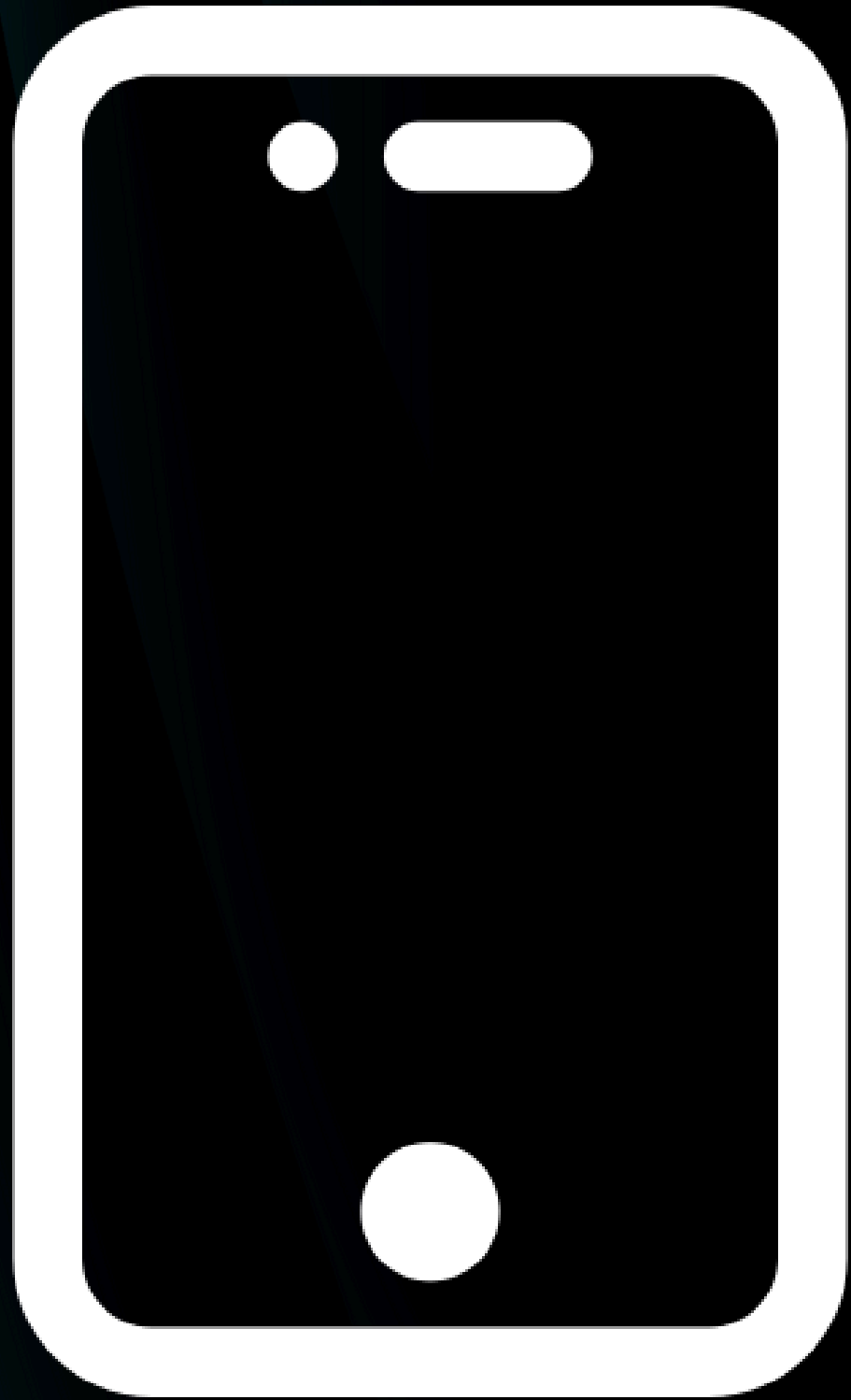
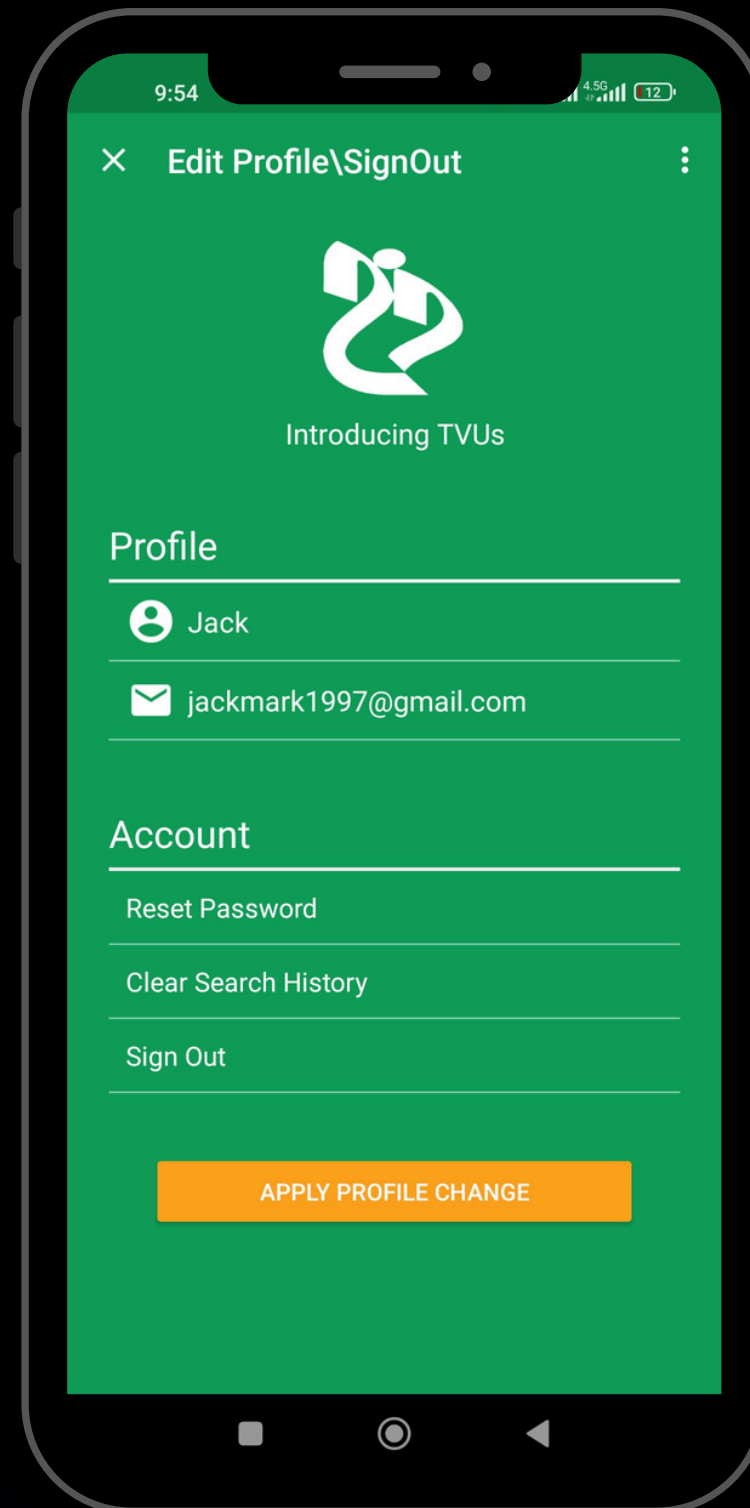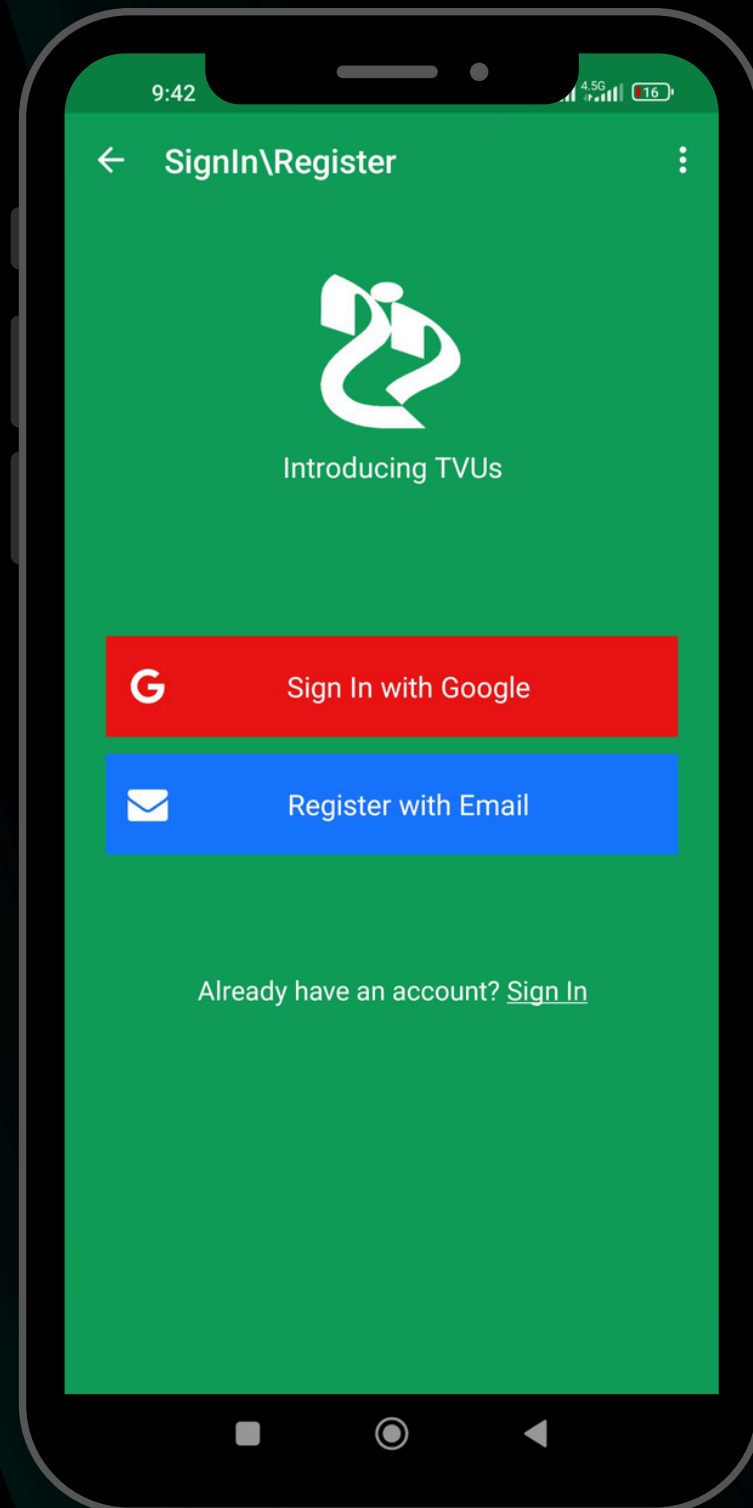# Mobile Projects

IntroTVUs

- An app that provides access to college pages, with features to rate and comment
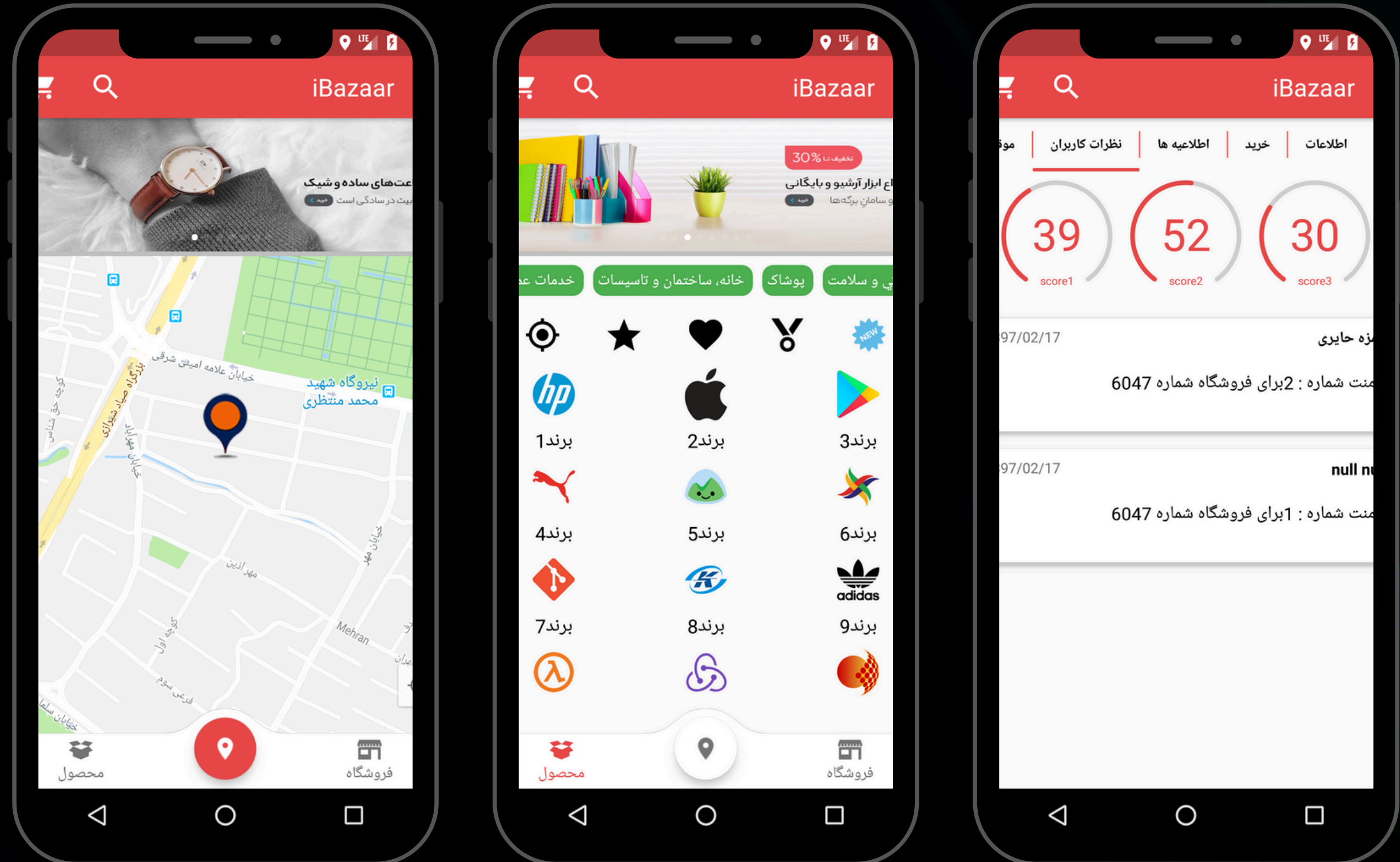- Support two languages
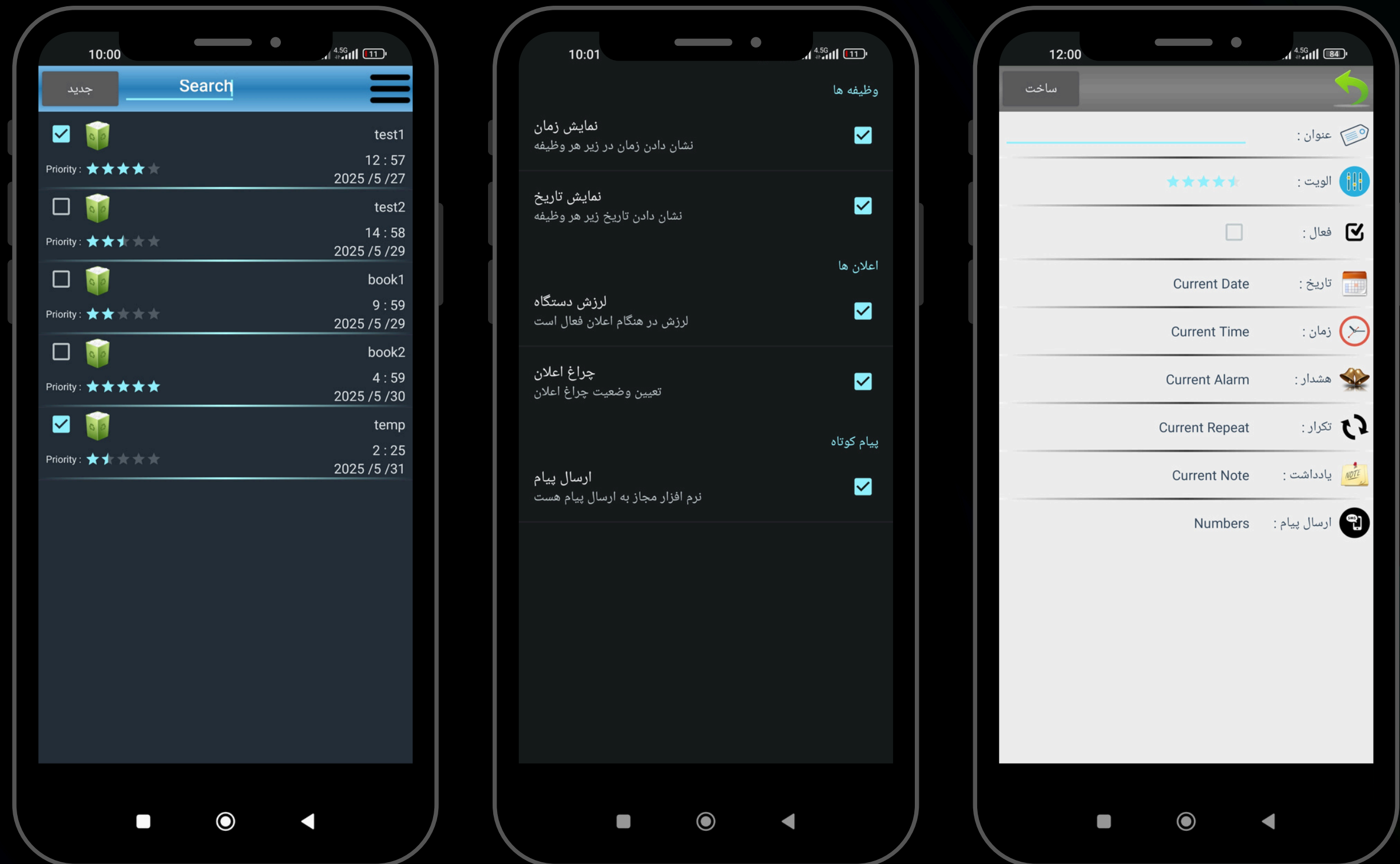
IntroTVUs

IntroTVUs

iBazaar

- An app that connects customers to shops
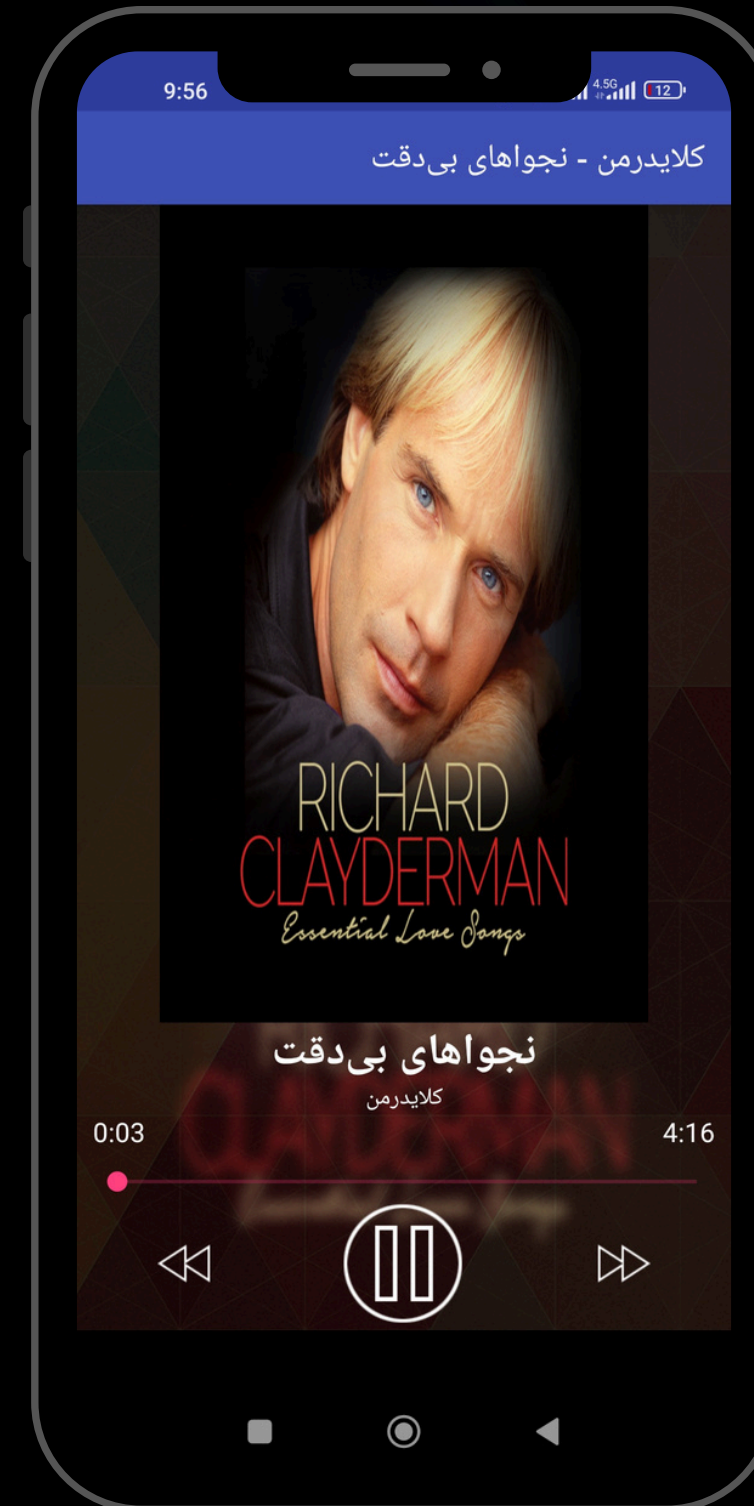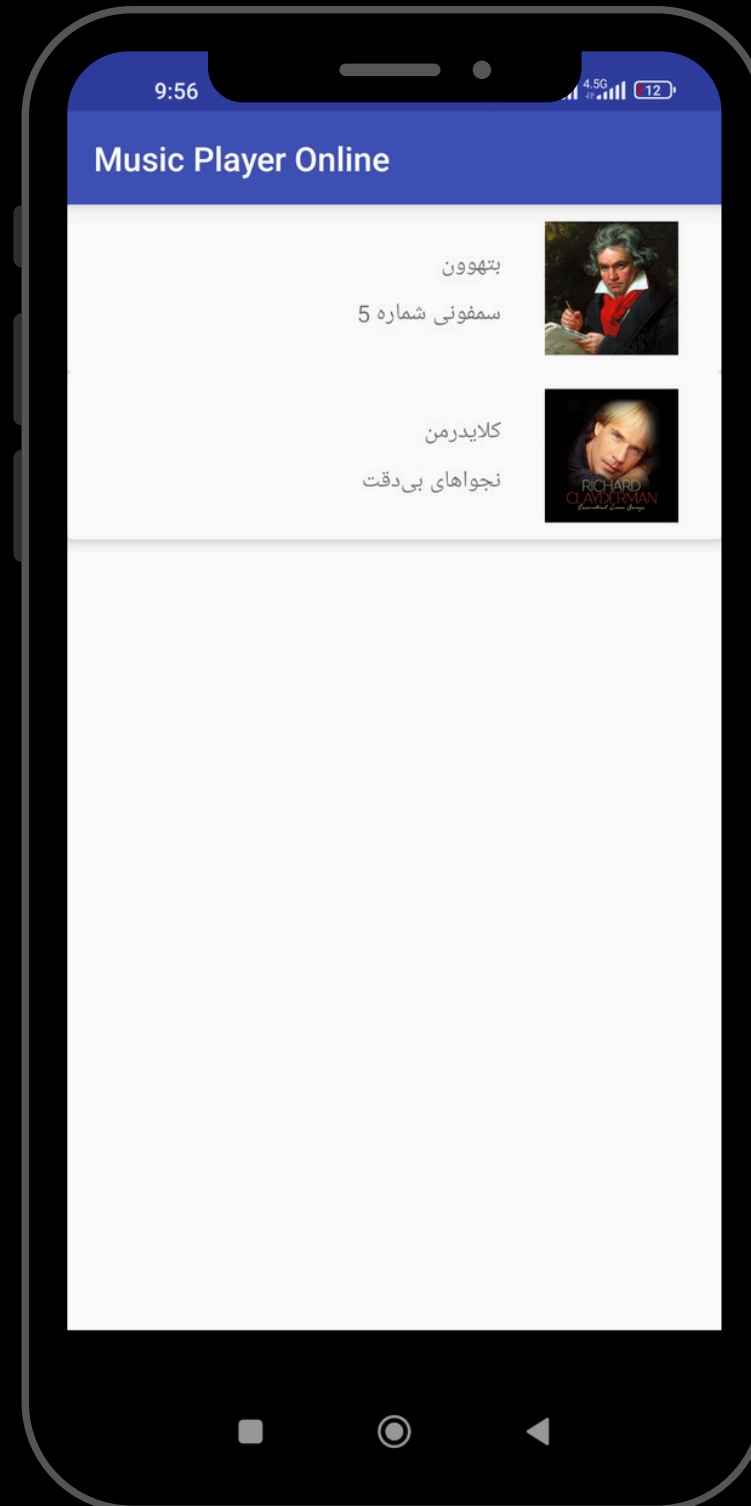- It helps every shop to be online

Reminder

- An app that remind you everything
- It also send texts or group messages from a list of numbers

Online Music Player

- A test app for playing online music
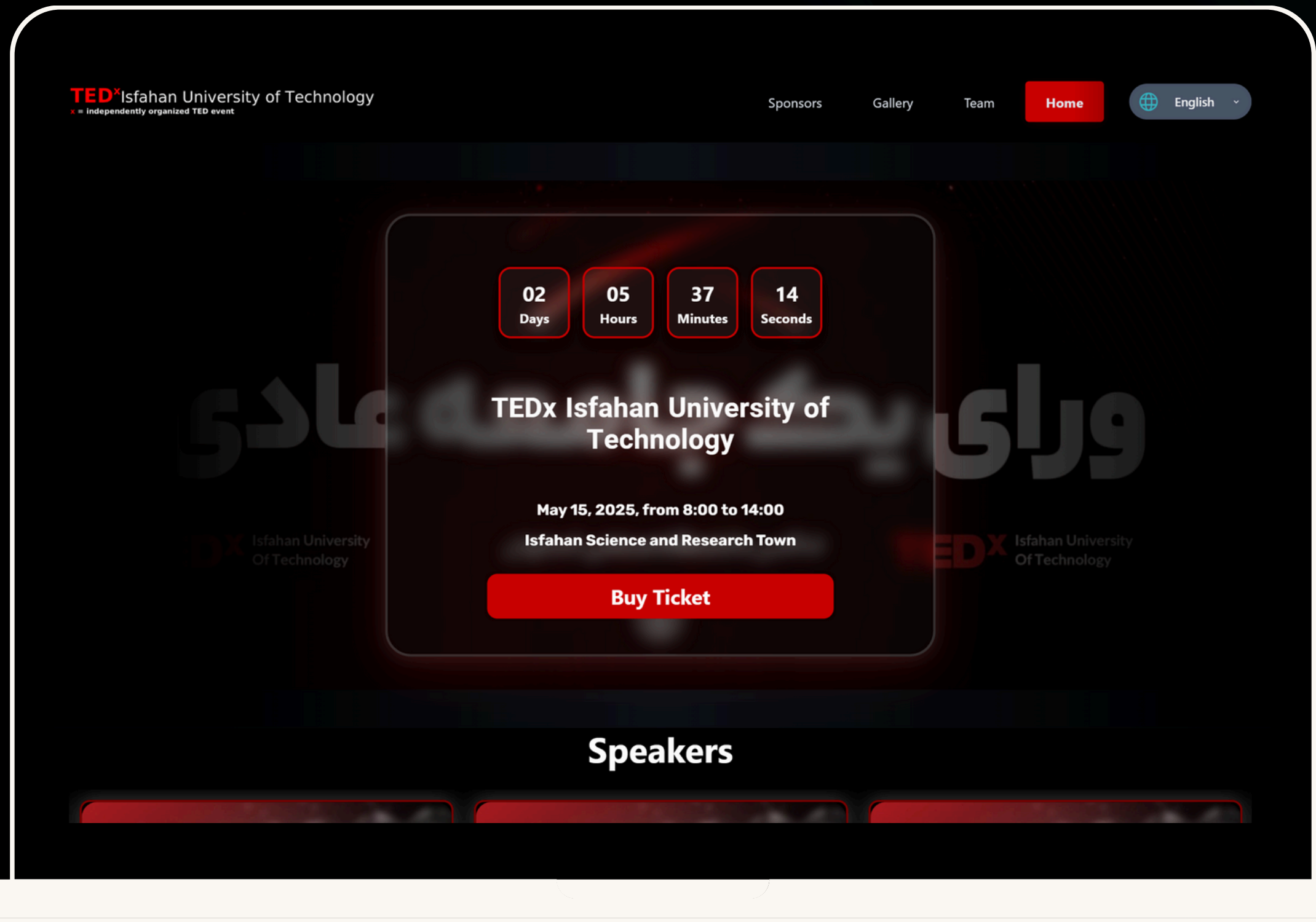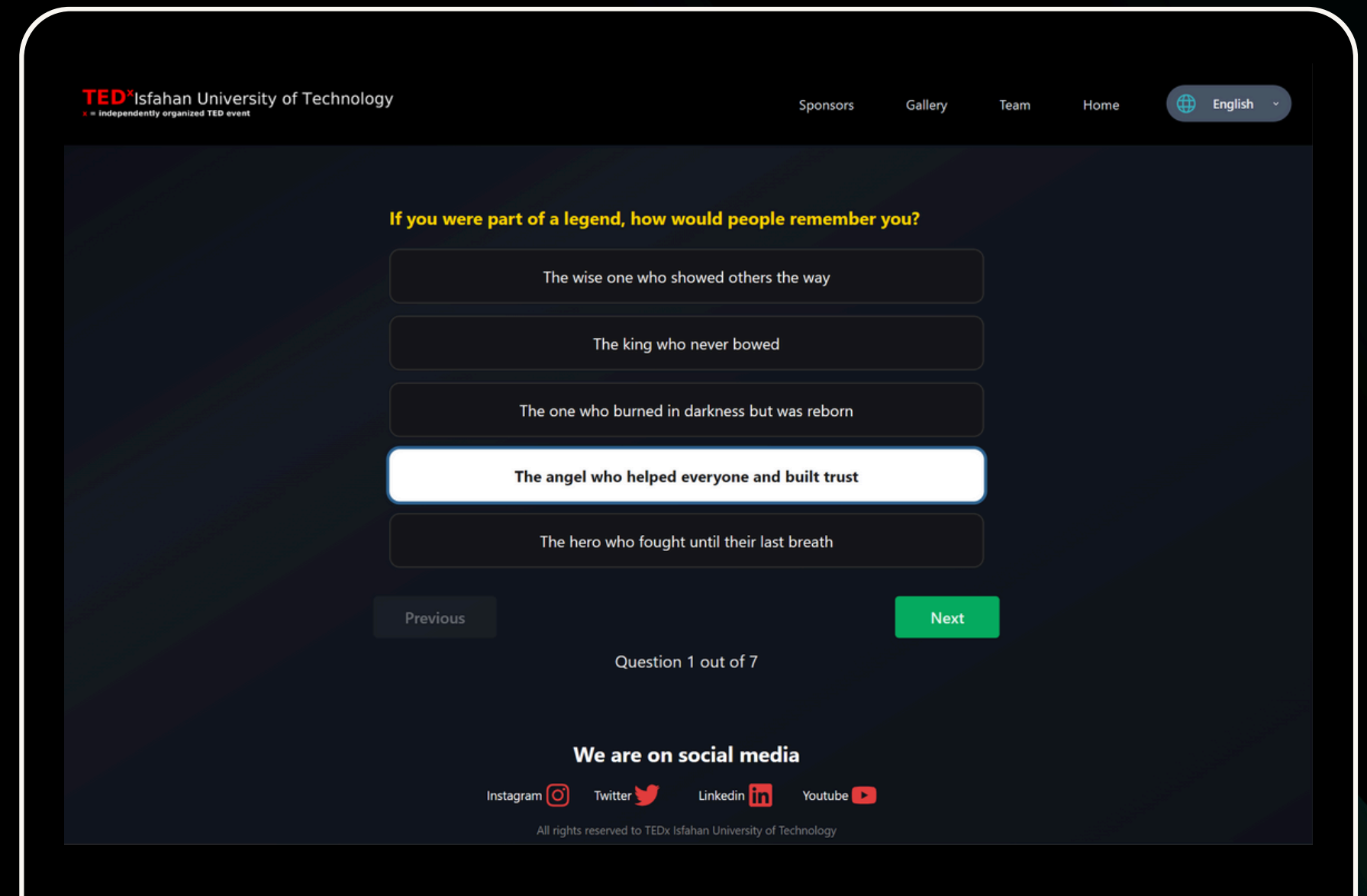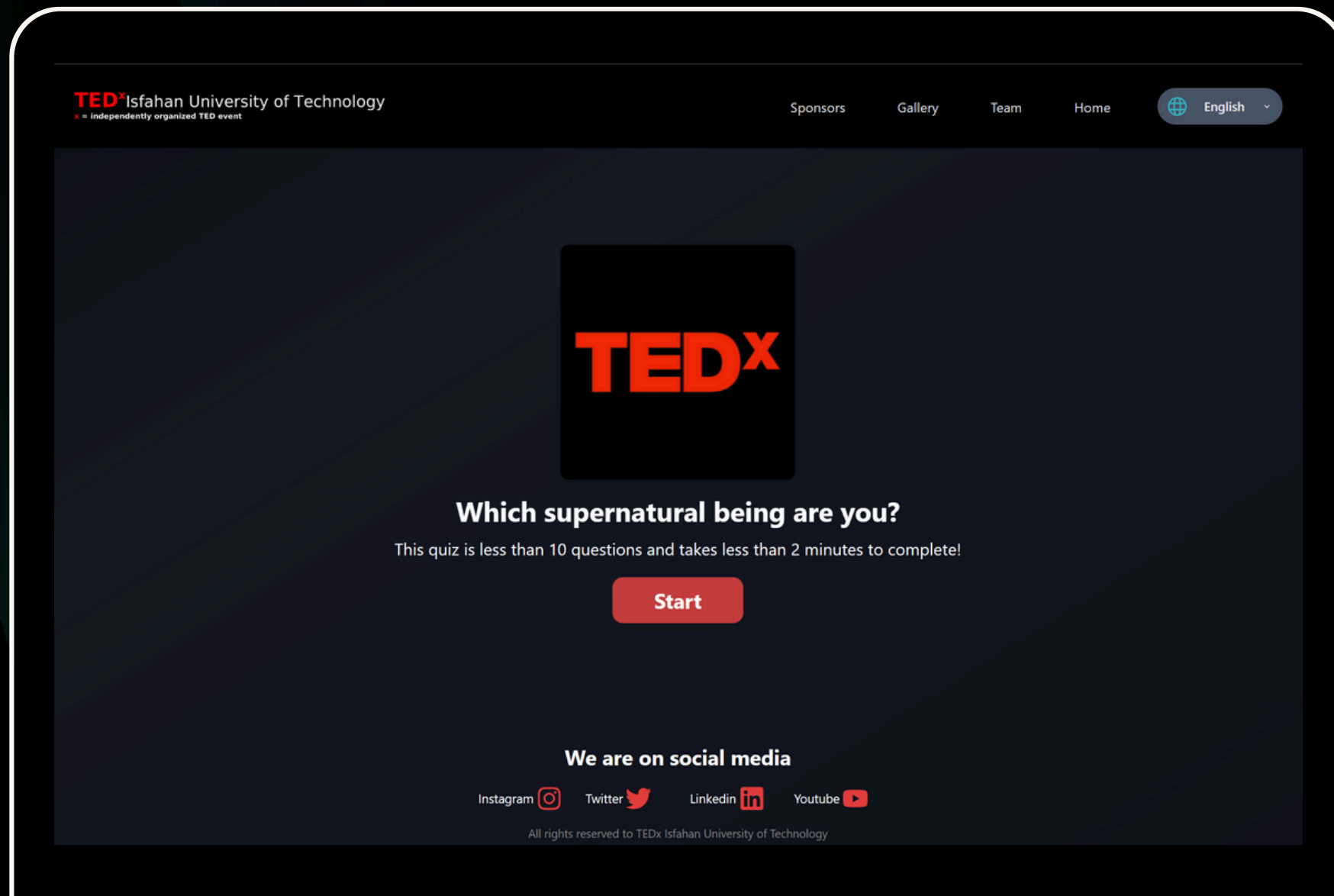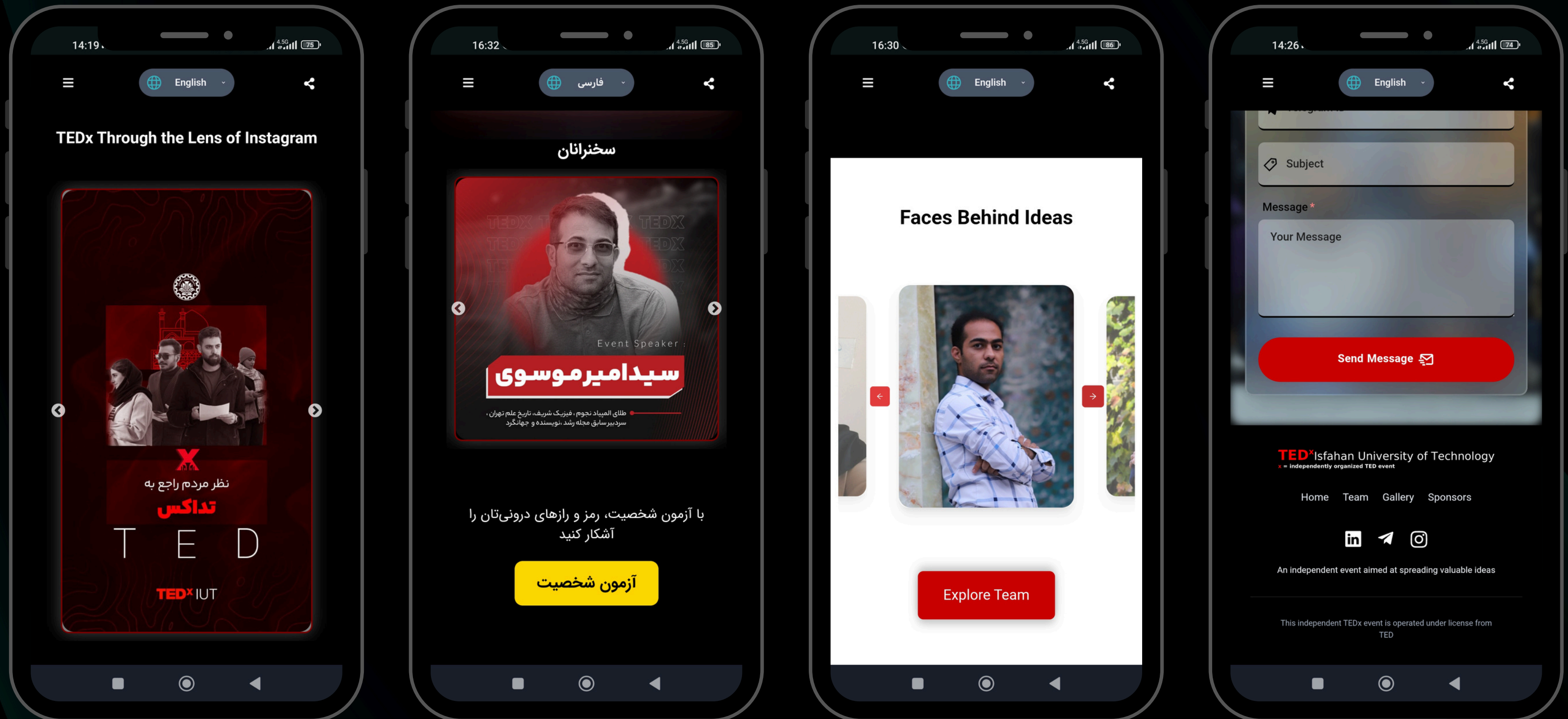- Use a PHP server for handling the backend

Web Projects

TEDxIUT

- A website for handling the TEDx event
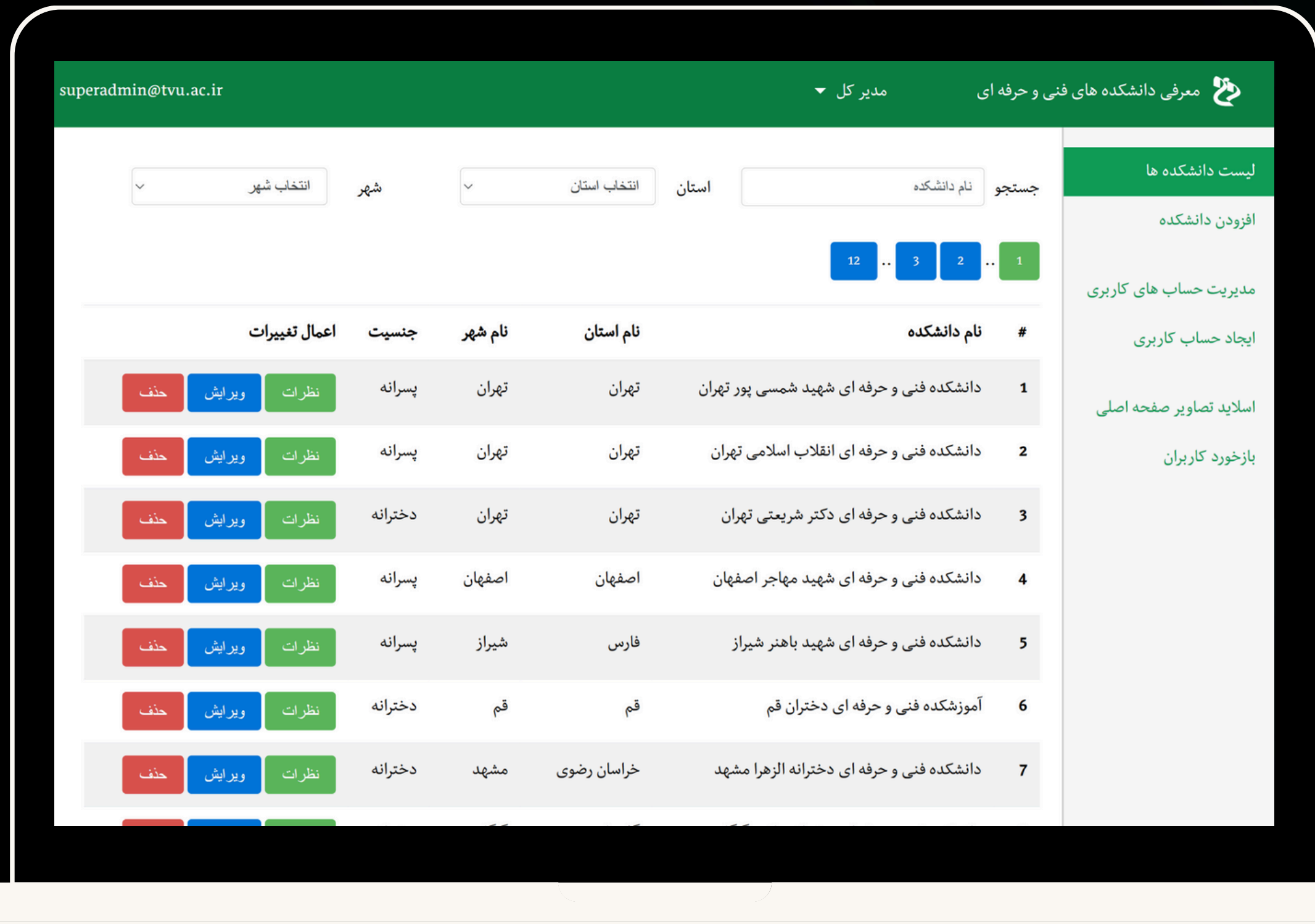- Support two languages

TEDxIUT

TEDxIUT (mobile view)

IntroTVUs

- An admin panel where each college can change its own data
- Can check all user feedbacks

IntroTVUs

Restaurant

- A site where you can order food from a specific restaurant
- Multiple payment methods
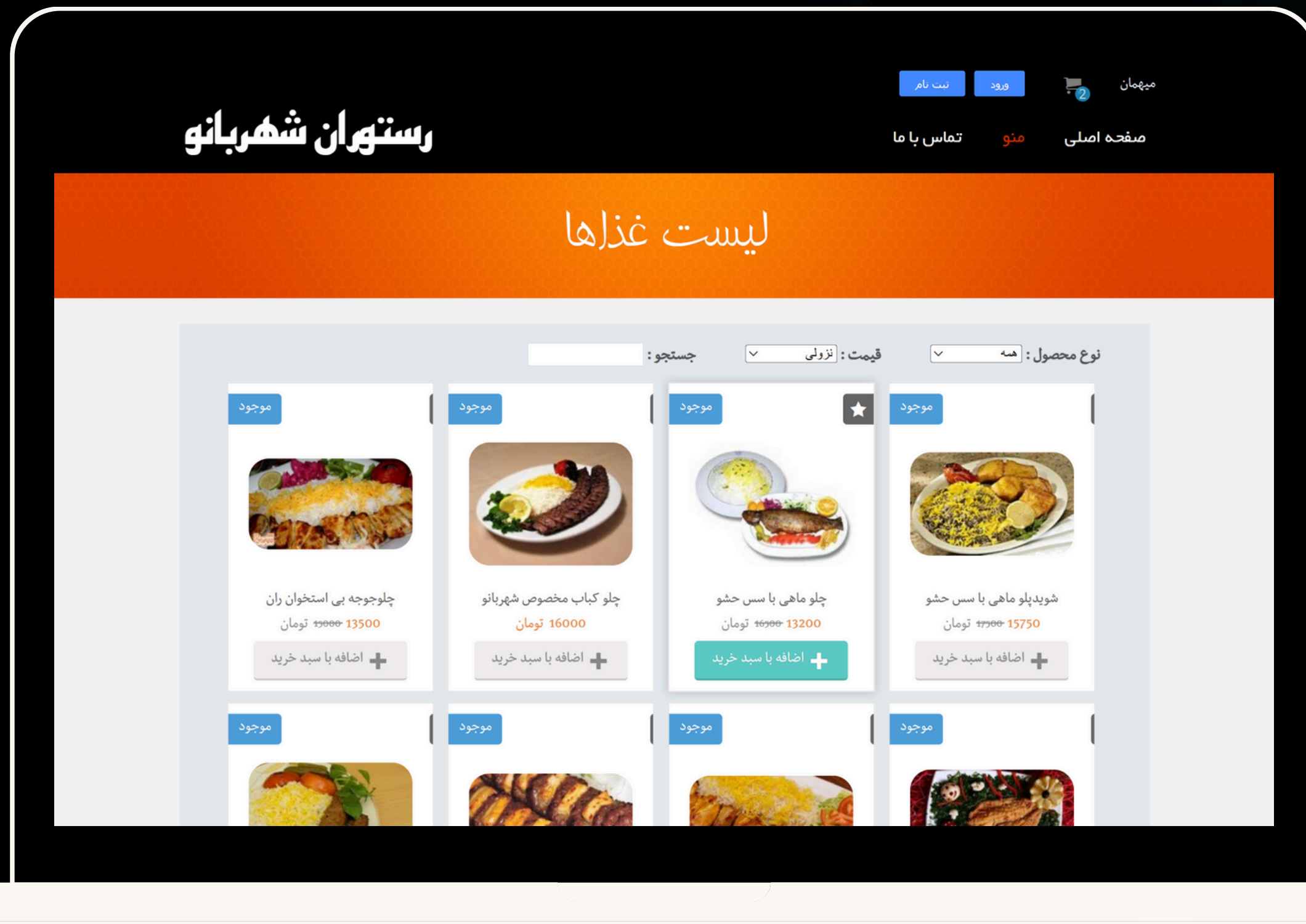
Sololearn

- A simple test site for teaching programming

Other Projects

Telegram Bot

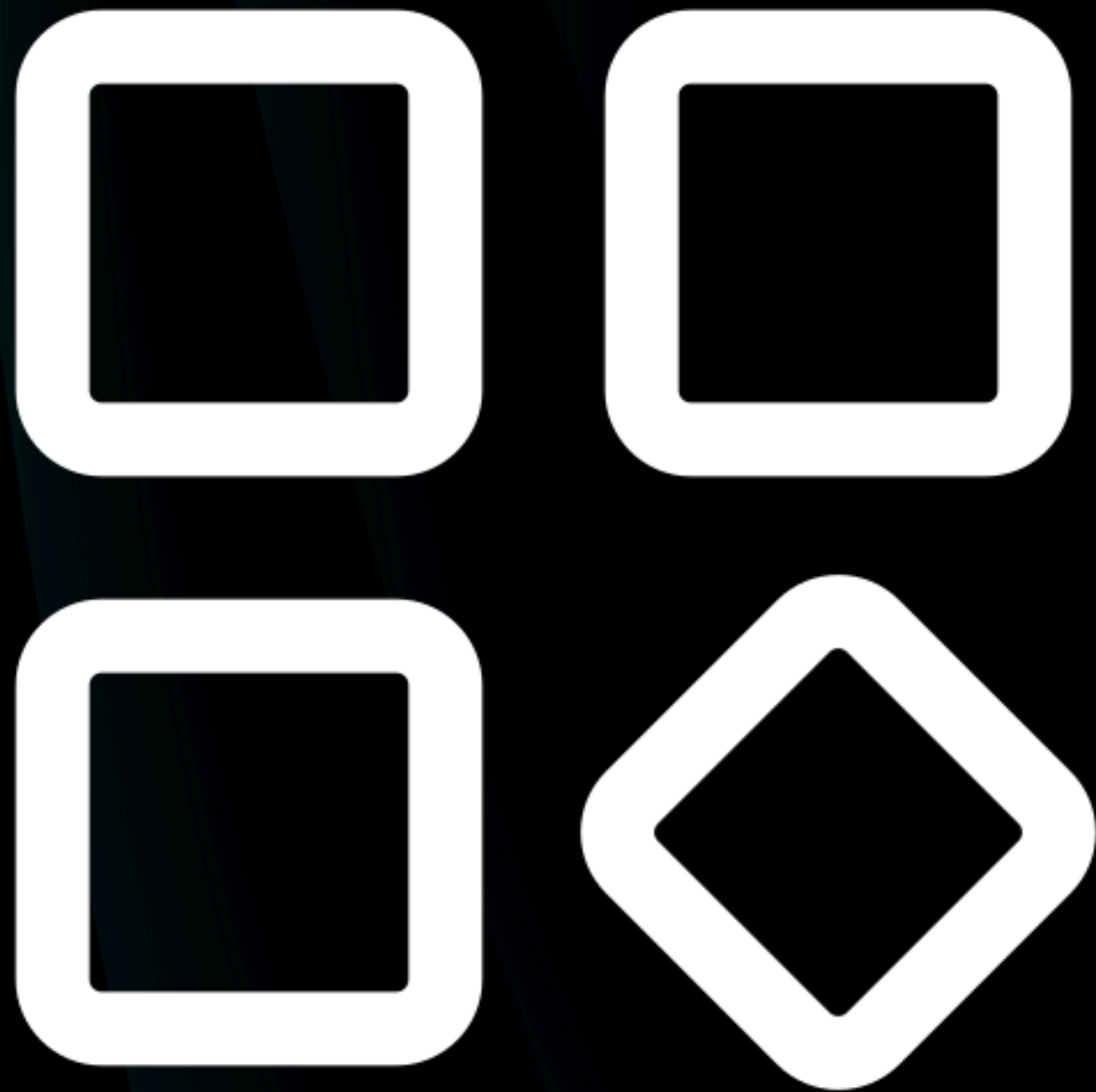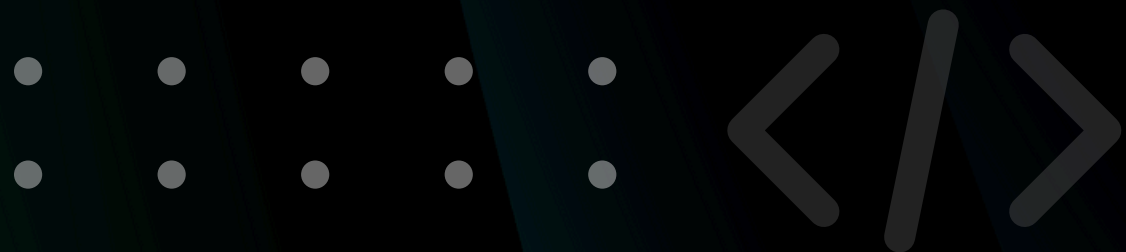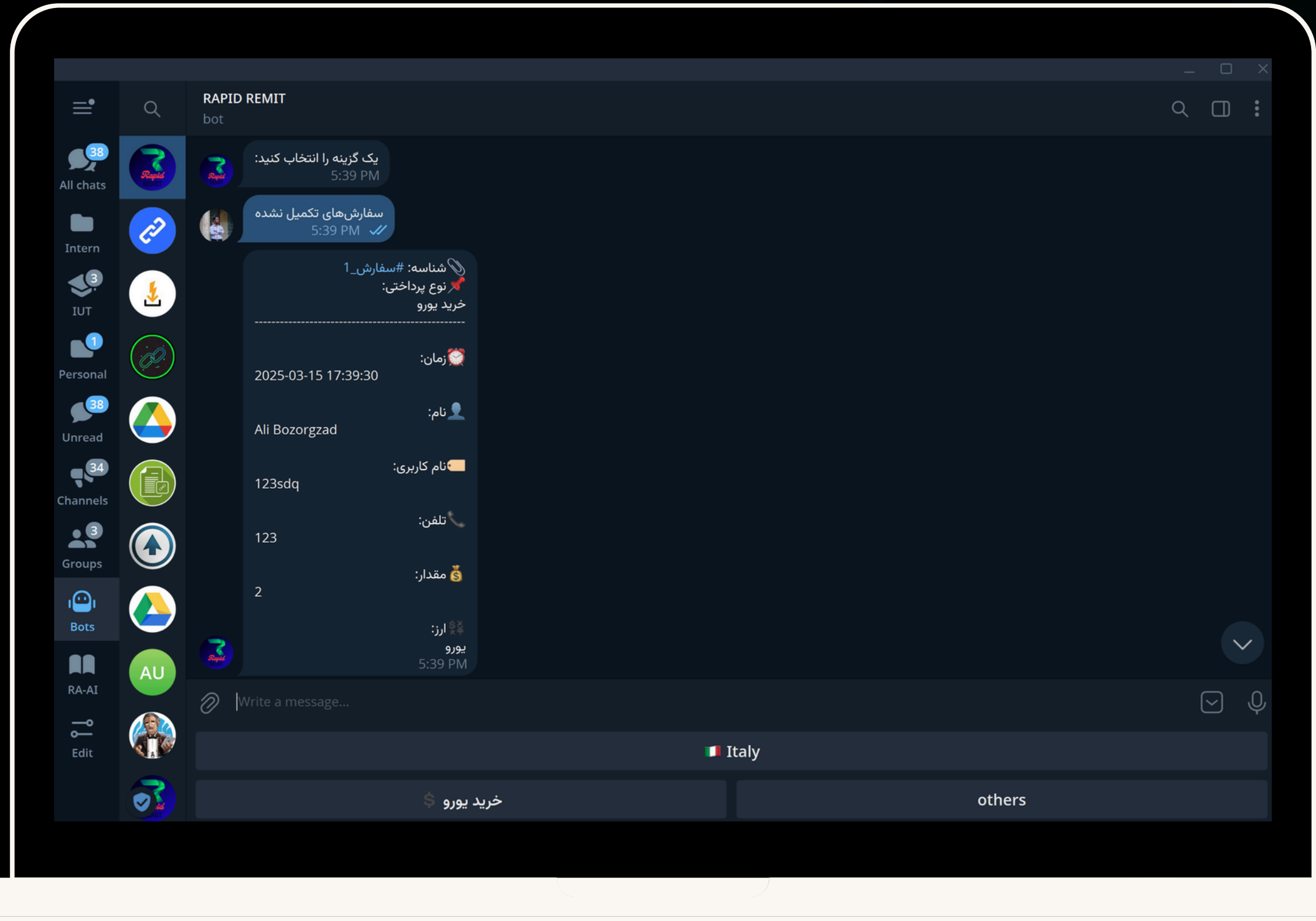- A Telegram bot named rapidremit. Using Python and MySQL to automate service requests like exam reservations, university registration, application payments, and hotel bookings

Research Projects

Smart Swapping Approach Based on Neural Network Models Similarity for Enhancing Federated

Federated learning faces challenges due to data heterogeneity, which can hinder model convergence. This paper introduces an intelligent model-swapping method between clients based on similarity, improving convergence while maintaining user privacy, especially in large-user scenarios.

MOD-CLIP: One-Stage Multi-Label Object Detection via Distilling CLIP and Label Correlation Modeling

Proposes an approach for one-stage multi-label object detection in videos by combining CLIP distillation with a graph neural network-based label correlation learning framework to improve detection accuracy and generalization to unseen scenarios.

Thank You

CV