

# **System Proposal**

**Group Name:**

**KEYBOTERZ**

**TITLE:**

**CONNECT IT: A Social Platform for the EVSU IT Community**

**Member:**

**Marba iquen L  
Kaye Nuevo  
Mike Joshua Donaire  
Von Laurence Magallanes Alfelor  
Cathia R. Ulan-Ulan**

**DATE**

**April/5/2025**

**Description:**

CONNECT IT is a dynamic social platform designed specifically for the EVSU IT community, connecting students, faculty, and staff. The platform provides a seamless environment for interaction through messaging, sharing updates, and posting ideas. Users can engage with posts by liking or disliking, update their profiles with personal details and images, and even post content anonymously.

One of the standout features of CONNECT IT is its integration with the school's Gatepass System, created by Christian Colo. This integration allows users to request campus access through the platform, simplifying the process by generating a QR code for gatepass requests all in one place.

In addition to its social features, CONNECT IT integrates with Spelling IT, a fun and challenging spelling game. This game allows users to register, play, and compete on a leaderboard. The platform tracks player scores and integrates them into CONNECT IT's social environment, enabling users to display their spelling achievements. Spelling IT also sends leaderboard updates to CONNECT IT,

**System Type:**

- RESTful API System: CONNECT IT provides an API to handle gatepass requests efficiently.
- System that Uses a RESTful API: CONNECT IT integrates with the Gatepass System and Spelling IT, sending user data and receiving QR codes for campus access and score updates for the game.

**Expected API Integrations:**

Spelling IT API (RESTful API): Manages user registration, score updates, and leaderboard integration with CONNECT IT, allowing users to track their performance in the Spelling IT game.

Gatepass RESTful API: Integrates CONNECT IT with the Gatepass System, sending user data for campus access requests and receiving QR codes for approved gatepasses.

QR Code API (PHP QR Code Generator): Generates QR codes for gatepass requests, ensuring easy access to campus.

Email API (PHPMailer): Handles notifications such as feedback confirmations, password recovery, and system alerts.

Recaptcha API (Google reCAPTCHA): Secures logins and protects the platform from spam and bot attacks.

**Key Features:**

- Messaging System: Enables seamless communication and collaboration through direct messages.

- **Post Management:** Allows users to create, edit, and delete posts, complete with captions and images.
- **Likes & Dislikes:** Posts can be liked or disliked by users, fostering engagement and feedback.
- **Profile Management:** Users can update their personal details and profile pictures for a personalized experience.
- **Anonymous Mode:** Users can post anonymously while adhering to community guidelines and maintaining respect for others.
- **Feedback & Reports:** Users can submit feedback and report inappropriate content to ensure a positive and safe community environment.
- **Gatepass Integration:** CONNECT IT integrates with the school's Gatepass System, allowing users to request campus access via QR codes directly within the platform.
- **Spelling IT Integration:** Users can play the Spelling IT game, track their spelling scores, and appear on the platform's leaderboard. The game's score is sent to CONNECT IT for social sharing and further engagement.