

Included in the scope of the project:

- Canvas LMS integration: Our facial recognition attendance system will be fully integrated with Canvas LMS to allow for real-time attendance tracking and updates.
- Existing AI models: We will be using an existing AI facial recognition model like DeepFace or Amazon's Rekognition.
- User-friendly Interface: Our system will offer a clear and intuitive interface that will allow teachers and administrators to easily monitor, record, and manage attendance within their classroom/s.
- System Testing: Our system will be thoroughly tested using various methods and conditions like different lighting scenarios, different cameras, and picture quality to ensure accuracy and reliability.
- Training Documentation: We will create and provide detailed training documentation and guides to support deployment and assist in the institutions' adoption of our system.
- Data Storage: Data security and protection, such as encryption, will be established to comply with current data privacy laws and policies.
- Platform Compatibility: Our system is to be designed and developed to support Windows and MacOS computers, and potentially mobile devices such as iOS and Android.
- Access Control: Our system will have permission-based access controls for administrators, teachers, and students for data handling and security.
- Errors and Manual Input: Our system will allow administrators and teachers to manually change attendance records in case of any inaccuracies or technical issues.
- Attendance Analytics: The system will create reports for teachers and administrators to review.

Not included in the scope of the project:

- New AI Model: We do not have the intention of developing a new AI model for facial recognition.
- Integration with other LMS: Our system will be designed to work only with Canvas and not with other LMS systems like Blackboard, etc.