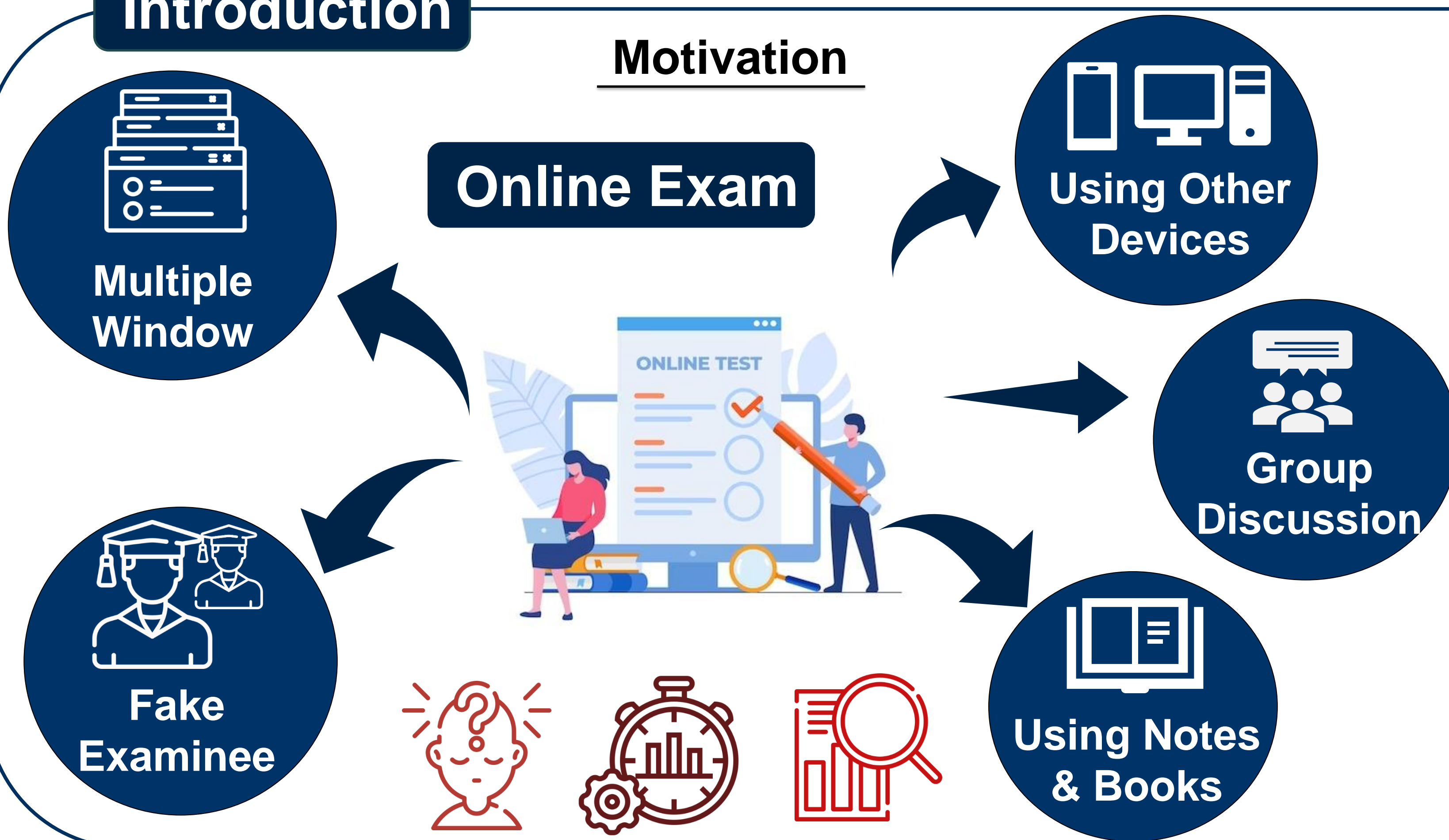# Exam IT: An AI Powered Exam Proctoring System

Presenter Name: Atanu Kumar Dey
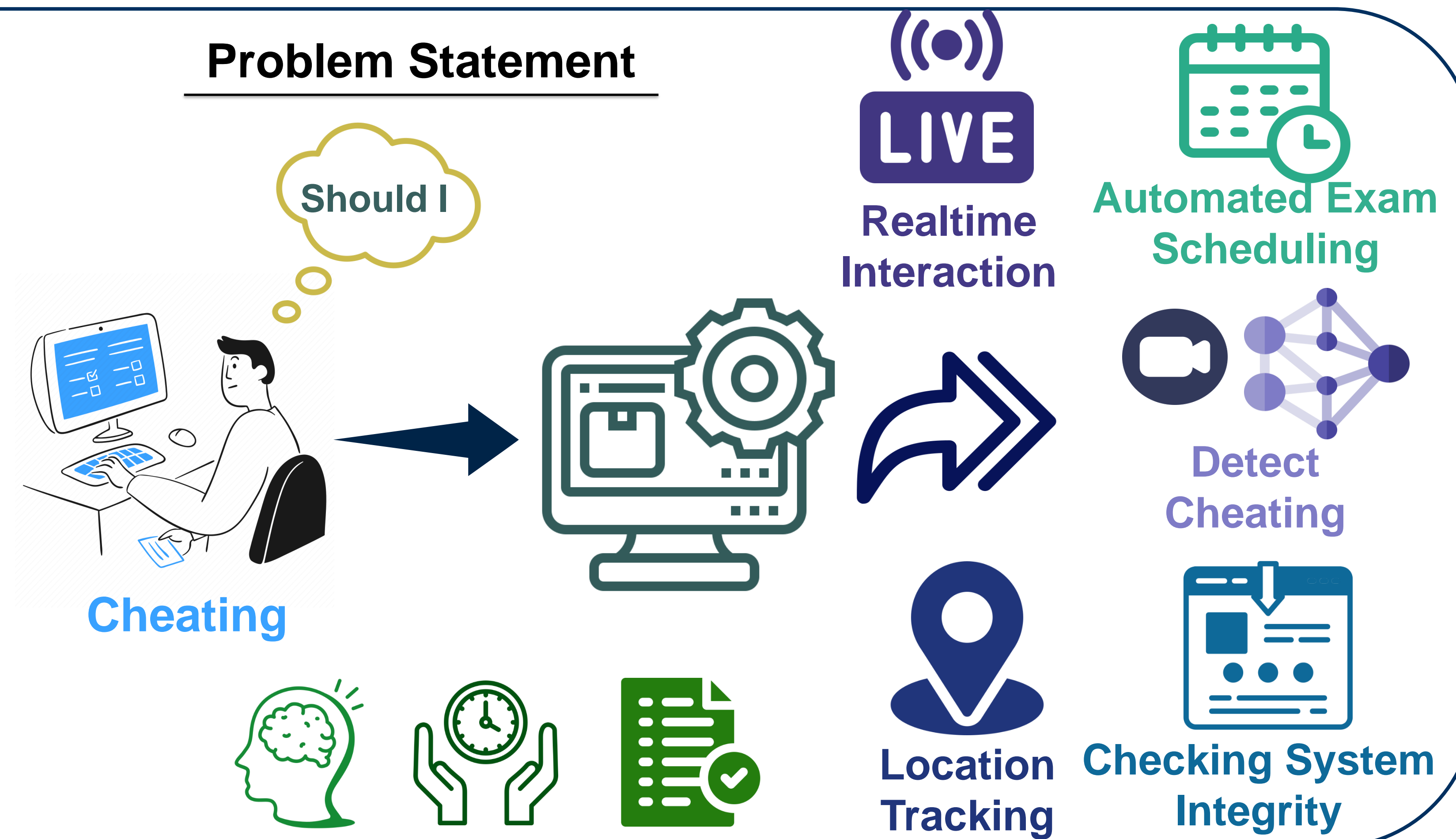Supervisor Name: Prof. Dr. Iqbal Ahmed & Dr. Abu Nowshed Chy
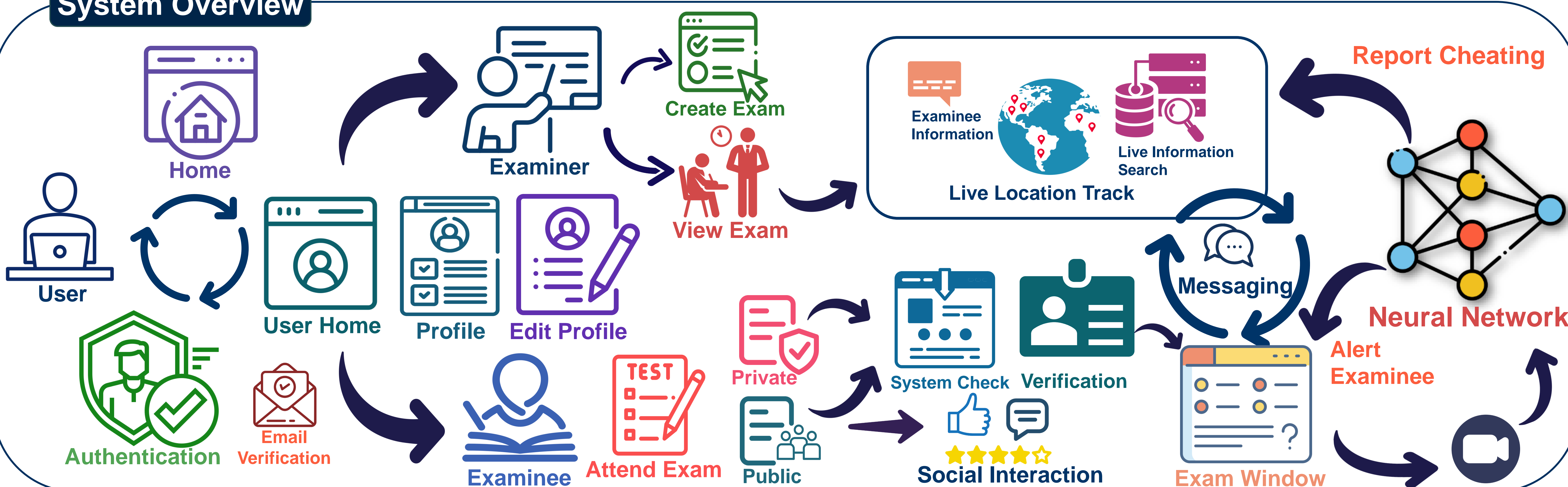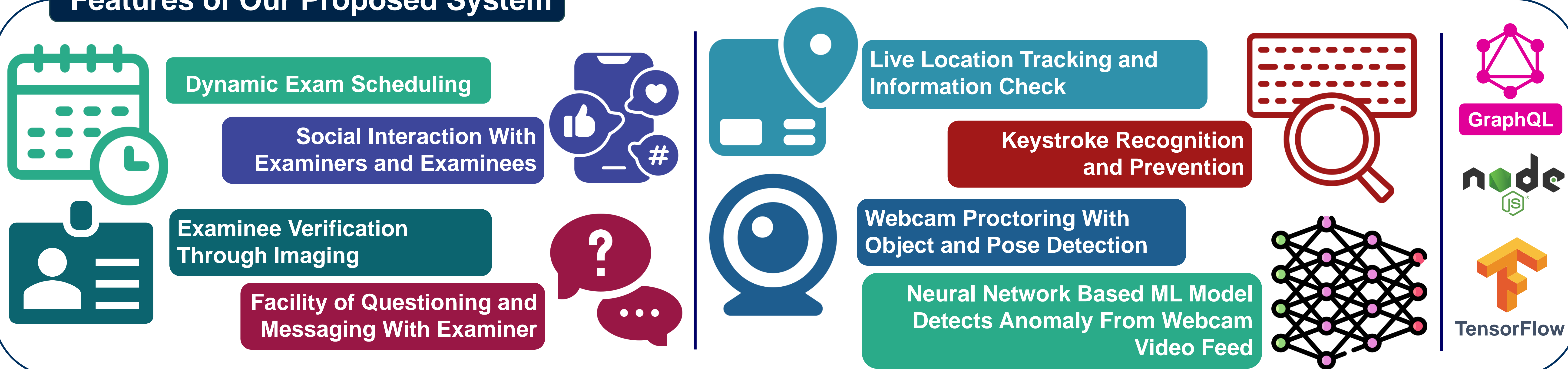Department of Computer Science & Engineering, University of Chittagong, Bangladesh

Introduction

Motivation

Online Exam
- Multiple Window
- Fake Examinee
- Using Other Devices
- Group Discussion
- Using Notes & Books

Problem Statement

Should I — Cheating

- Realtime Interaction
- Automated Exam Scheduling
- Detect Cheating
- Location Tracking
- Checking System Integrity

System Overview

- User
- Home
- Authentication
- Email Verification
- User Home
- Profile
- Edit Profile
- Examiner
- Create Exam
- View Exam
- Examinee
- Attend Exam
- Private
- Public
- System Check
- Verification
- Social Interaction
- Examinee Information
- Live Location Track
- Live Information Search
- Messaging
- Exam Window
- Alert Examinee
- Neural Network
- Report Cheating

Features of Our Proposed System

- Dynamic Exam Scheduling
- Social Interaction With Examiners and Examinees
- Examinee Verification Through Imaging
- Facility of Questioning and Messaging With Examiner
- Live Location Tracking and Information Check
- Keystroke Recognition and Prevention
- Webcam Proctoring With Object and Pose Detection
- Neural Network Based ML Model Detects Anomaly From Webcam Video Feed

GraphQL • node JS • TensorFlow

System Demonstration