

# Trusted Identity Management System Using Blockchain

**Students:** Kaylin Moss, Zach Happel **Marist Faculty:** Brian Gormanly **IBM:** Greg Lacey

## Trusted Identity

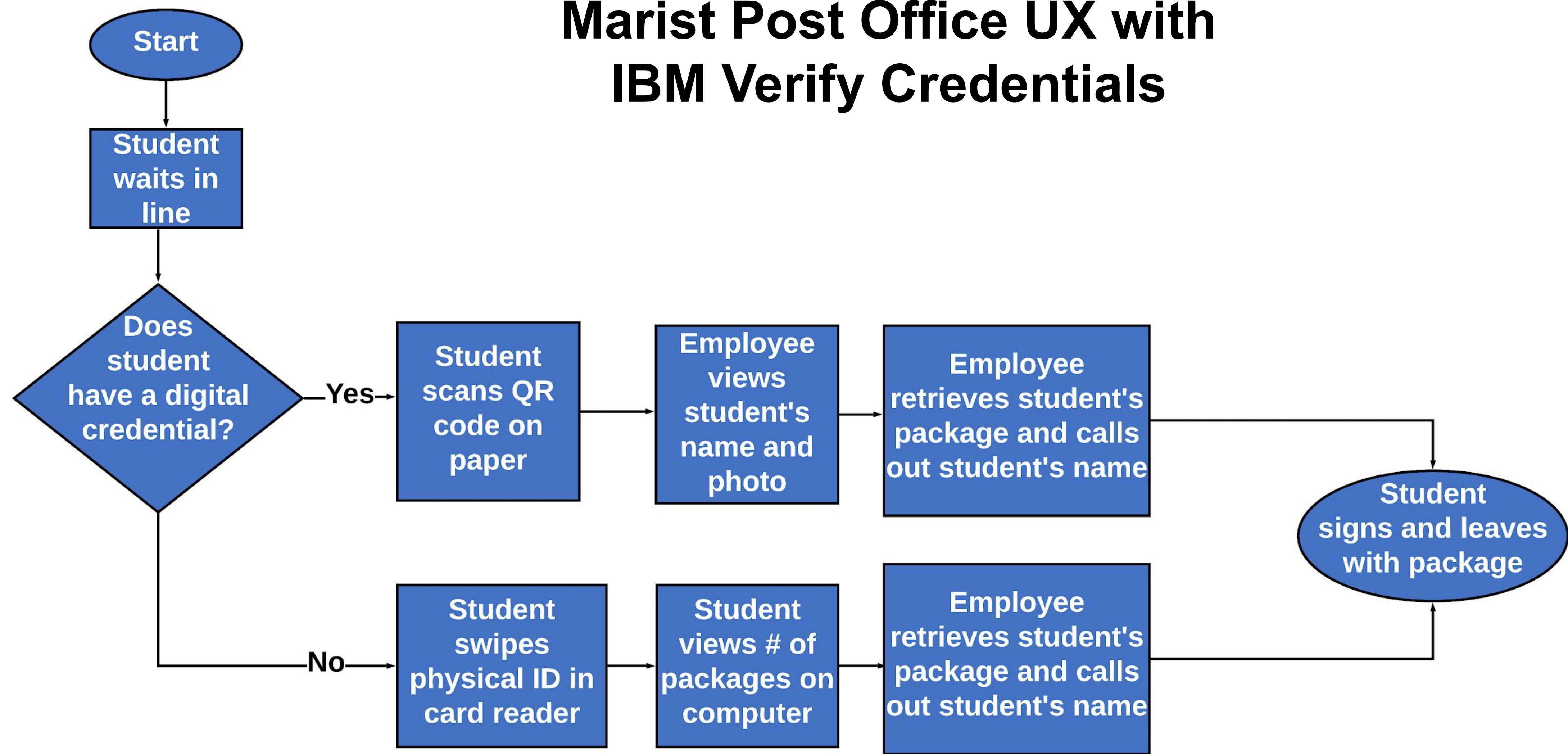
- Insecure centralized identity management has led to increased fraud. Trusted Identity is a framework which encompasses IBM's solutions to this problem.
- Trusted Identity includes IBM Verify Credentials, a blockchain secured mobile and desktop application that facilitates the issuance and verification of identification credentials.

## Implementation at Marist College

- 1.Download IBM Verify Credentials on mobile device.
- 2.Establish a connection between student's agent and Marist issuer.
- 3.Student is issued a digital credential which mirrors physical Marist student ID.
4. Use digital credential at various Marist campus departments: post office, student activities



## Marist Post Office UX with IBM Verify Credentials



## Marist Post Office

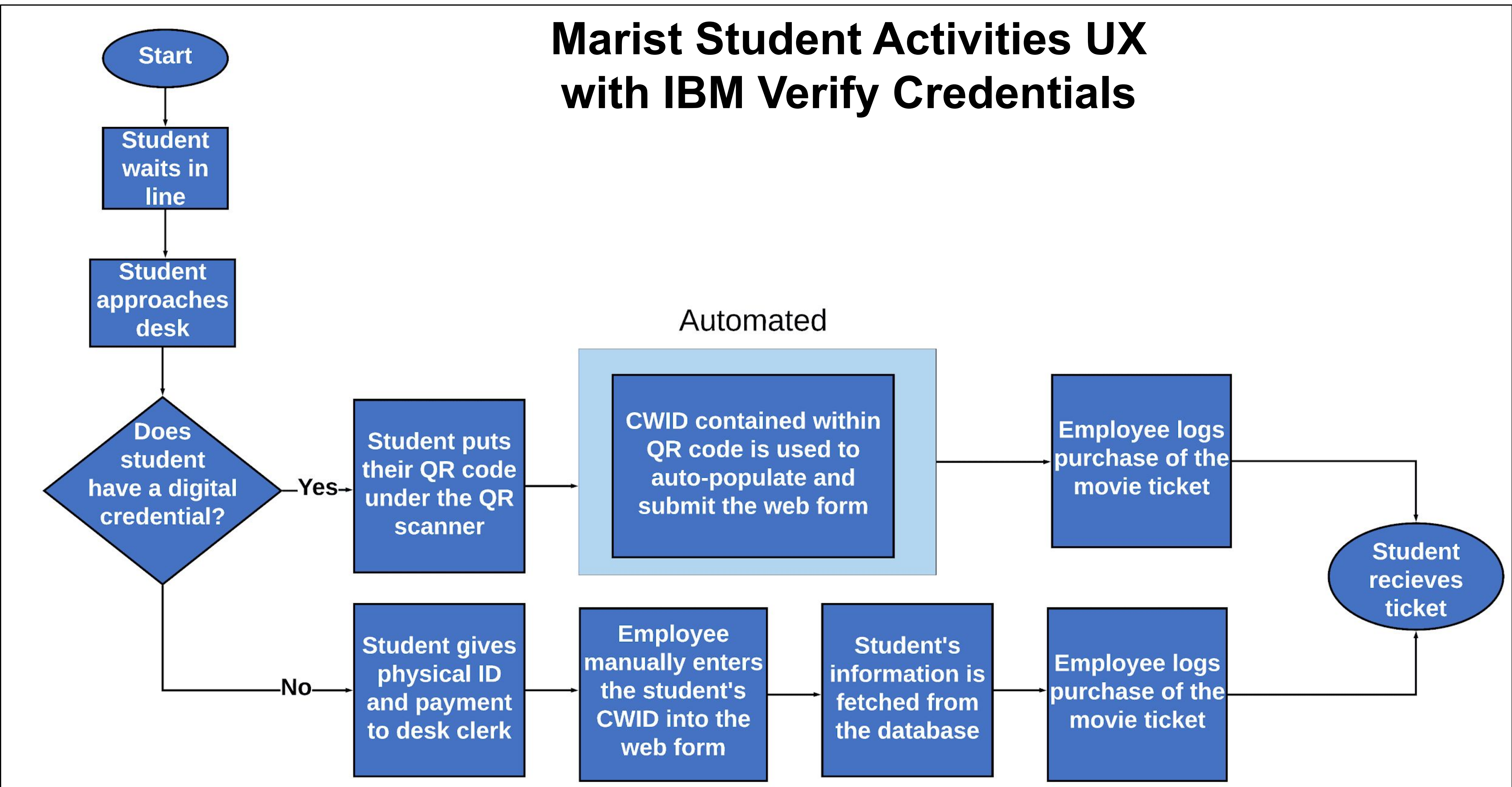
### Goal

Marist students can use their digital credential to pick up packages from the Marist Post Office

### Benefits

- Eliminate packages given in error
- Added security

## Marist Student Activities UX with IBM Verify Credentials



## Marist Student Activities

### Goal

Marist students can use their digital credential to purchase Regal Cinemas movie tickets

### Benefits

- Decrease wait time by increasing efficiency through automation
- Added security

CWID: 8 digit numerical campus wide identifier