Trusted Identity

POWERED BY IN PARTNERSHIP WITH MARIST

Management System Using Blockchain

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

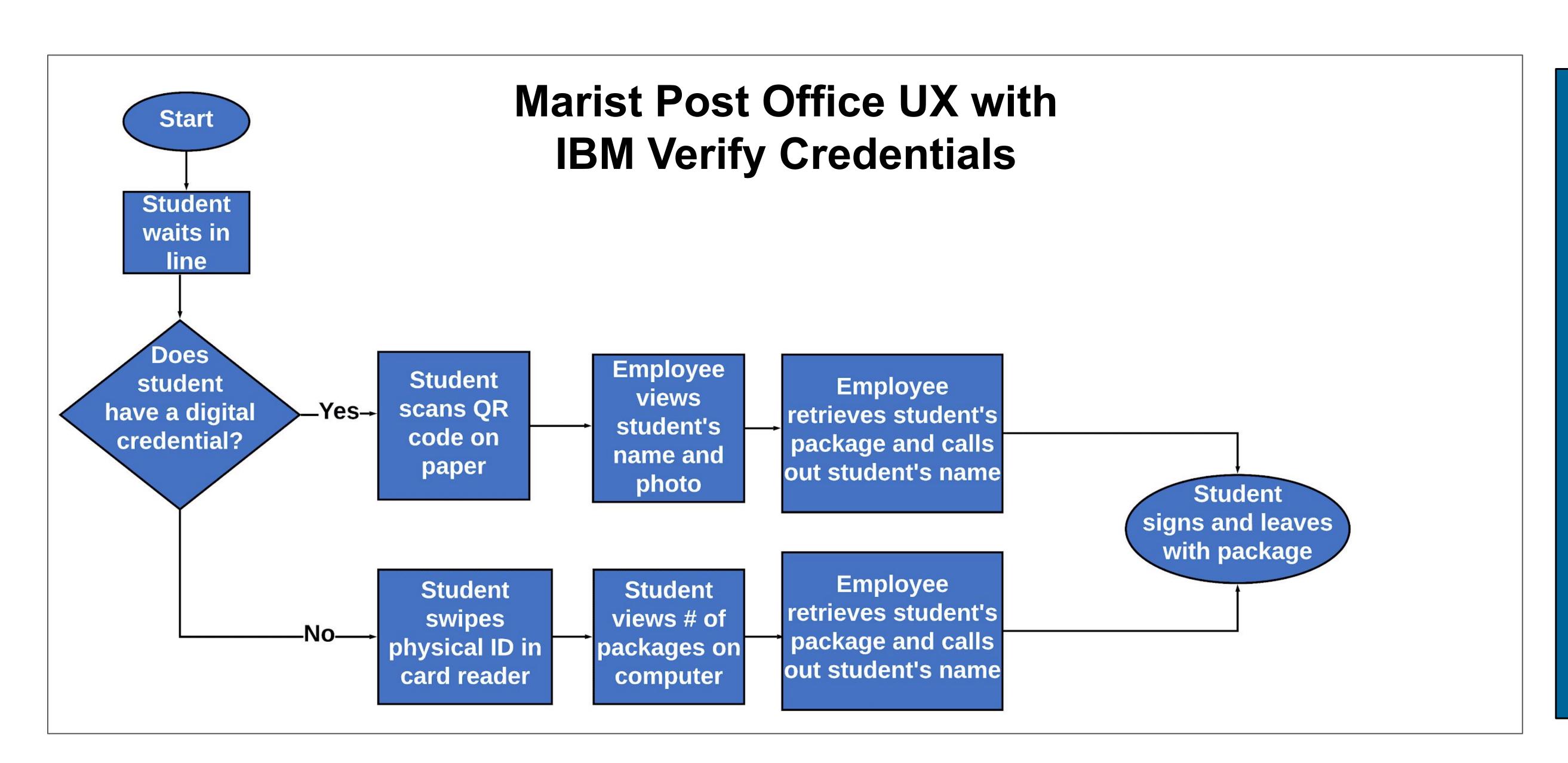
Trusted Identity

- 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

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 Start with IBM Verify Credentials Student waits in line Student approaches Automated desk **CWID** contained within **Employee logs Does** Student puts QR code is used to purchase of the student their QR code auto-populate and movie ticket _Yes→ have a digital under the QR submit the web form credential? scanner **Student** recieves ticket **Employee** Student gives Student's manually enters **Employee logs** physical ID information is the student's purchase of the and payment fetched from **CWID** into the movie ticket to desk clerk the database web form

CWID: 8 digit numerical campus wide identifier

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