

**California State University San Bernardino
School of Computer Science & Engineering**

MASTERS PROJECT PROPOSAL PRESENTATION

Date/Time

March 25, 2025 (Friday), 9:30 PM

Location

Zoom: <https://csusb.zoom.us/j/86992121137>

Topic

Mobile Application: Udrop

Candidate

Mahmoud Oraiqat

Advisor

Dr. Bilal Khan

Committee Members

Dr. Jennifer Jin

Dr. Haiyan Qiao

Abstract

Udrop is meant to be a global platform to deliver content by simply “dropping” content at designated locations for select users. Users can drop content in the form of texts, short videos, and pictures, which users will then be able to share with their friends. Udrop features will provide an interactive user experience for users to socialize and expand their social circles. Udrop’s client (front-end) will be developed using React-native, which connects to AWS S3 and a MongoDB Realm. Through the AWS S3 connection, the client will be able to upload videos and images, while MongoDB Realm provides user authentication, account creation, adding friends, sending drops, and managing user data and scalability.