**Adoption of Cloud Computing in the Industry**

Flash – Local Express

Instructor:

**Mayra Samaniego MSc. Ph.D. (c)**

Members:

**Hai Nam Nguyen - 000520322**

**Cong Chi Tai Nguyen - 000516006**

**Xuan Hieu Nguyen – 000518043**

A logo with purple and grey stripes

Description automatically generated

1. **Title of the Project:**

***Flash – Local Express***

1. **Description of the Project:**

Our project is oriented toward local restaurants that are limited to online orders through the phone or website. All restaurants in Saskatchewan have chosen a third-party application for online orders, including payment and delivery. However, they abandoned a traditional sales channel, which also required a delivery force separately for a confirmed time from customers. For each order, the server records requirements from customers in a simple bill, which can be separated into two parts transferred to the kitchen and tracked at the end of the day. For this reason, there are many potential problems, such as handwriting mistakes, revenue statistics errors, lack of drivers, late delivery, etc., due to manual working. By using AWS services as a supporting platform, our intention aims to create an application assisting control food order efficiently and solving deficiency of drivers in the delivery stage. Our application makes all stages easier than ever by multi-state order management, which provides real-time status updating from initiation to delivery, ensuring optimal control and coordination. Both restaurants and customers receive instant notifications and updates, enhancing communication and reducing uncertainty. By offering a dedicated platform for local restaurant deliveries, the app minimizes reliance on external delivery services, resulting in cost savings and increased control over the delivery process as well as creating more jobs for the workforce.