# ENSF-381: Full Stack Web Development Laboratory
# Lab03

**Section: B02**

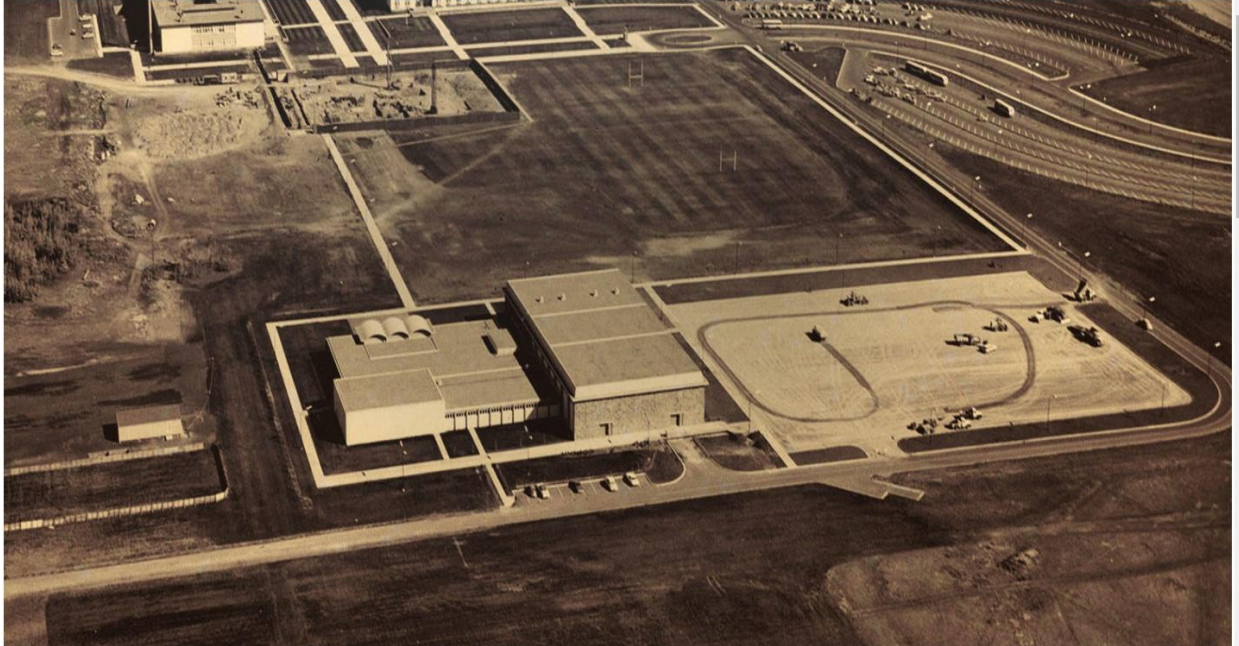**Group information:**
Charlie Lang (30118227)
Justin Vuong (30205375)

**GitHub Link:**
**https://github.com/charlielang02/ENSF381Lab3**

**Exercise 1 Output:**

**Like many Calgary success stories, ours has a spirited beginning, an unprecedented growth spurt and a promising future.**

Even before Alberta became a province in September 1905, the citizens of a very young Calgary were determined to host a post-secondary institution as part of building a great city.

In 1906, the Alberta Normal School (which would later become our own Werklund School of Education) began operations and provided a steady stream of educators for a new province eager to grow and advance quickly.

When the University of Alberta was founded in 1908 in Strathcona (now part of Edmonton), Calgarians were disappointed with the "branch plant" concept that ensued and lobbied for decades for an independent institution of their own. Students, faculty, staff, alumni, donors and volunteers joined together to support the cause, with great passion and commitment.

Their dedication was finally rewarded on April 29, 1966 when the University of Calgary was granted autonomy. From there, growth was fast and furious, as a new campus took shape and innovative educators came to Calgary from around the world.

In 2016-17, the University of Calgary marked its 50th Anniversary as an autonomous institution.

## The roads that brought us here

What are our defining moments? They wind through 50 years and countless memories, each one stamping a mark on the cultural and physical landscape of our city. We're looking back but we're pushing forward.

## Calgary's urban evolution

A university and a city growing together side by side.

Read more

## Changing face of campus

Creating an intellectual hub to empower the problem-solvers of the future, today.

Read more



## Changing face of campus

Creating an intellectual hub to empower the problem-solvers of the future, today.

Read more





## Culture and society

Fueling the cultural and social transformation of a city and region.

Read more

**Exercise 2 Output:**

| SCHULICH School of Engineering | Electrical Engineering Department | Chemical Engineering Department | Biomedical Engineering Department | Department of Geomatics Engineering |
|---|---|---|---|---|
| UCalgary's hub for innovative engineering education. | Powering innovation in electronics and systems. | Advancing processes for a sustainable future. | Engineering solutions for health and medicine. | Mapping and analyzing the world around us. |

**SCHULICH School of Engineering**

UCalgary's hub for innovative engineering education.

**Electrical Engineering Department**

Powering innovation in electronics and systems.

**Chemical Engineering Department**

Advancing processes for a sustainable future.

**Biomedical Engineering Department**

Engineering solutions for health and medicine.

**Department of Geomatics Engineering**

Mapping and analyzing the world around us.

SCHULICH
School of Engineering
DEPARTMENT OF
GEOMATICS
ENGINEERING

**Department of Geomatics Engineering**

Mapping and analyzing the world around us.

UNIVERSITY OF CALGARY
Biomedical Engineering

**Biomedical Engineering Department**

Engineering solutions for health and medicine.

SCHULICH
School of Engineering

DEPARTMENT OF CHEMICAL
AND PETROLEUM ENGINEERING

**Chemical Engineering Department**

Advancing processes for a sustainable future.

SCHULICH
School of Engineering

DEPARTMENT OF ELECTRICAL
AND COMPUTER ENGINEERING

**Electrical Engineering Department**

Powering innovation in electronics and systems.

UNIVERSITY OF
CALGARY

SCHULICH
School of Engineering

**SCHULICH School of Engineering**

UCalgary's hub for innovative engineering education.

**Department of Geomatics Engineering**

Mapping and analyzing the world around us.

**Biomedical Engineering Department**

Engineering solutions for health and medicine.

**Chemical Engineering Department**

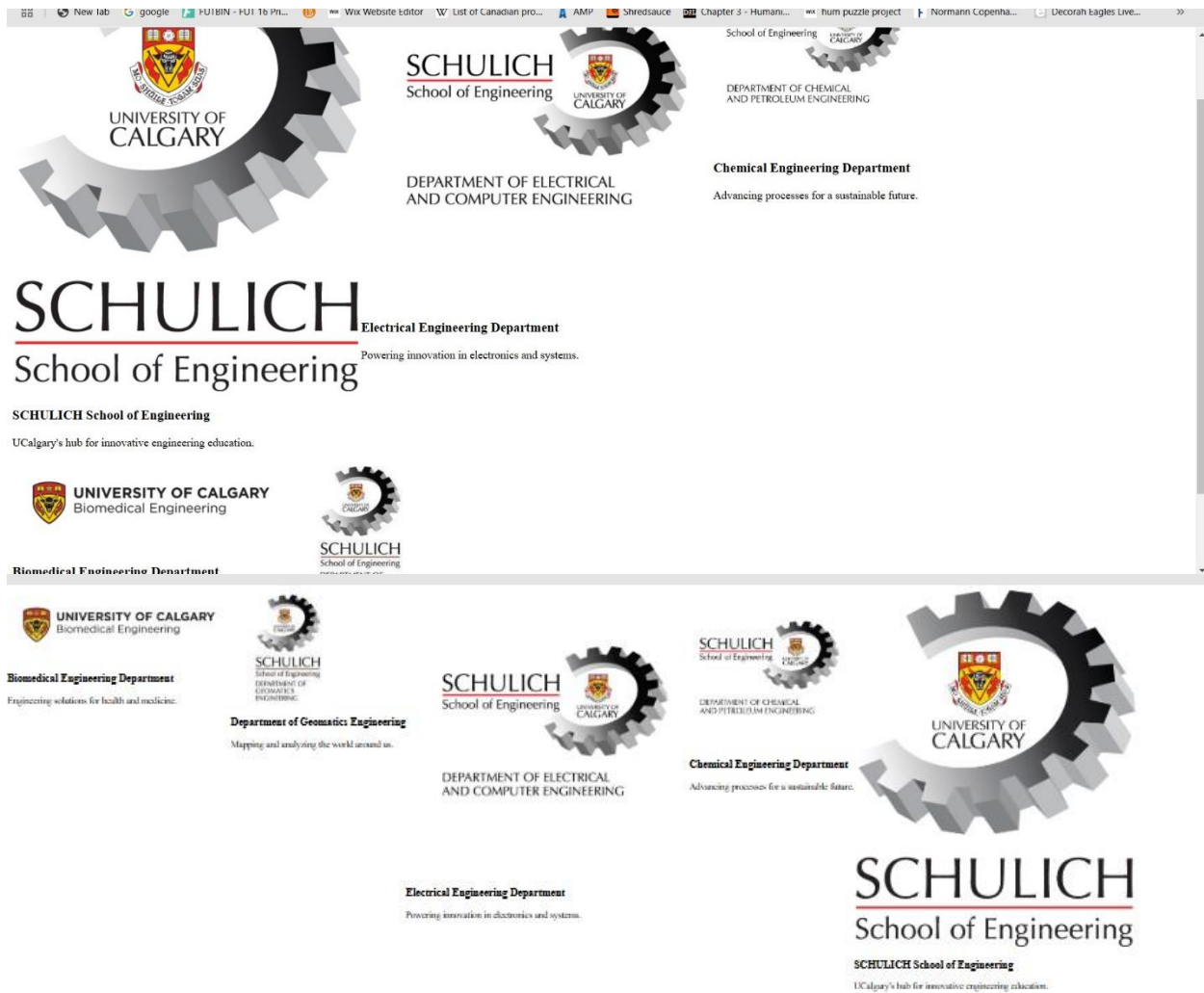Advancing processes for a sustainable future.

**Electrical Engineering Department**

Powering innovation in electronics and systems.

**SCHULICH School of Engineering**

UCalgary's hub for innovative engineering education.

**Biomedical Engineering Department**

**Biomedical Engineering Department**

Engineering solutions for health and medicine.

**Department of Geomatics Engineering**

Mapping and analyzing the world around us.

**Electrical Engineering Department**

Powering innovation in electronics and systems.

**Chemical Engineering Department**

Advancing processes for a sustainable future.

**SCHULICH School of Engineering**

UCalgary's hub for innovative engineering education.

**Exercise 3 Output:**

Home

About

Research

**SCHULICH School of Engineering**

UCalgary's hub for innovative engineering education.

**Electrical Engineering Department**

Powering innovation in electronics and systems.

**Chemical Engineering Department**

Advancing processes for a sustainable future.

**Biomedical Engineering Department**

Engineering solutions for health and medicine.

**Department of Geomatics Engineering**

Mapping and analyzing the world around us.