# **Department of Computing**

**Advanced Programming**

**Class: BESE-5B**

# Project Documentation:

The Top 5 Skyscrapers

**Date: August, 28th 2017**

# Instructor: Sir Fahad Ahmed Satti

**Submitted by**

# Syeda Uneeza Fareed

# Problem Statement

The project ‘The Top 5 Skyscrapers’ retrieves data of the top five skyscrapers around the world and shows that to user. Depending on current time, it shows whether the building is open for visitors or not, at the moment.

The project gives user the best Skyscraper to user depending on the location and time.

# Project Design

The design is simple as efficient.

# Implementation Details

1. Spring:

Annotations

Application context

Business Objects (BO)

Pointcut

1. Hibernate

Data Access Objects (DAO): Session, SessionFactory, Transaction, TransactionFactory, Driver managers

HibernateUtil

Annotations @Id and @Column

1-1 Mapping

1. Maven

Pom.xml file

# Results

Due to shortage of time, the project goal has not been achieved. However, the project does give the flexibility to add, delete and update the buildings and their addresses.

# Conclusion

Due to shortage of time, the project goal has not been achieved. However, the project does give the flexibility to add, delete and update the buildings and their addresses.

# Sample run