**COMSATS University Islamabad, Abbottabad Campus**

**Department of Computer Science**

**Project Proposal**

**NextGen POS System**

**CSC392 Object Oriented Software Engineering**

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# CHAPTER 1 PROJECT PROPOSAL

## Introduction

The **SimplyApply** provide facilities for students to get admissions at Top Collages of Their interest region. Mostly for those students who are far from way and it gives the power to Utilize the technology to save their resources.

## Vision and Business Case

***Describes the high-level goals and constraints, the business case, and provides an executive summary.***

## Use-Case Model

Describes the functional requirements. During inception, the names of most use cases will be identified, and perhaps 10% of the use cases will be analyzed in detail.

## Supplementary Specification

***Describes other requirements, mostly non-functional. During inception, it is useful to have some idea of the key non-functional requirements that have will have a major impact on the architecture.***

## Glossary

***Key domain terminology, and data dictionary.***

## Risk List & Risk Management Plan

***Describes the risks (business, technical, resource, schedule) and ideas for their mitigation or response.***

# CHAPTER 2 USE CASES

## Use Case Diagram

## Brief Level Use Cases

### Student Name 1 (Registration Number 1)

#### Use Case: Process Sale

Student Name 2 (Registration Number 2)

Student Name 3 (Registration Number 3)

Fully Dressed Use Cases

### Student Name 1 (Registration Number 1)

| Use Case UC1: Process Sale |
| --- |
| **Scope**: NextGen POS application  **Level**: user goal  **Primary** **Actor**: Cashier  **Stakeholders and Interests**:  - **Preconditions**: Cashier is identified and authenticated. |

**Success Guarantee**

**Main Success Scenario (or Basic Flow):**

**Extensions (or Alternative Flows):**

**Special Requirements:**

- …

**Technology and Data Variations List**:

**Open Issues:**

**Screen Shots:**