**COMSATS University Islamabad, Abbottabad Campus**

**Department of Computer Science**

**Project Proposal**

**‘SimplyApply’**

**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 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

### Laiba naeem (sp21-bse-041)

#### Use Case: Process Sale

#### Use case: Add institute

When the owner wants to add institute he will click on the button “Add institute” then a form will appear in which the owner add the details of the institute he wants to add if the information is correct the institute will be added else he will be notified to correct the errors.

#### Use case: Verify institute

When the owner submits the form of adding institute the system will check if that institute is verified by the board or not if its verified the institute will be added else the owner will write application to board to verify the institute.

#### Use case: Check requests

After adding and verifying the institute in the website the Owner (Principal of institute) and admin (admin of website) can check the requests of the students who showed interest and registered themselves for institutes.

Fully Dressed use cases

**Scope:** Add their institute

**Primary actor:** Owner

**Stakeholders and Interests**:

Here the stakeholder is the owner of the institutes who add their institute in the website so that the students can take admission in that specific institute. As the process of admission will be online it be feasible for the students to apply in their desired institutes.

**Pre-conditions:** Login

**Success Guarantee**

Visitor can apply sitting at home.

**Main success scenario:**

* Add their institutes
* Verify their institutes
* Admissions in their institutes

**Extensions (or Alternative Flows):**

If owner of the institute can’t add their institute the admin of the website also have the access to add the institute after getting verified by the board.

**Special Requirements:**

* Verification of institute.
* Login

**Technology and Data Variations List**:

* Smart Phone
* IPod
* Laptop
* Computer

**Open Issues:**

* Board verification

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:**