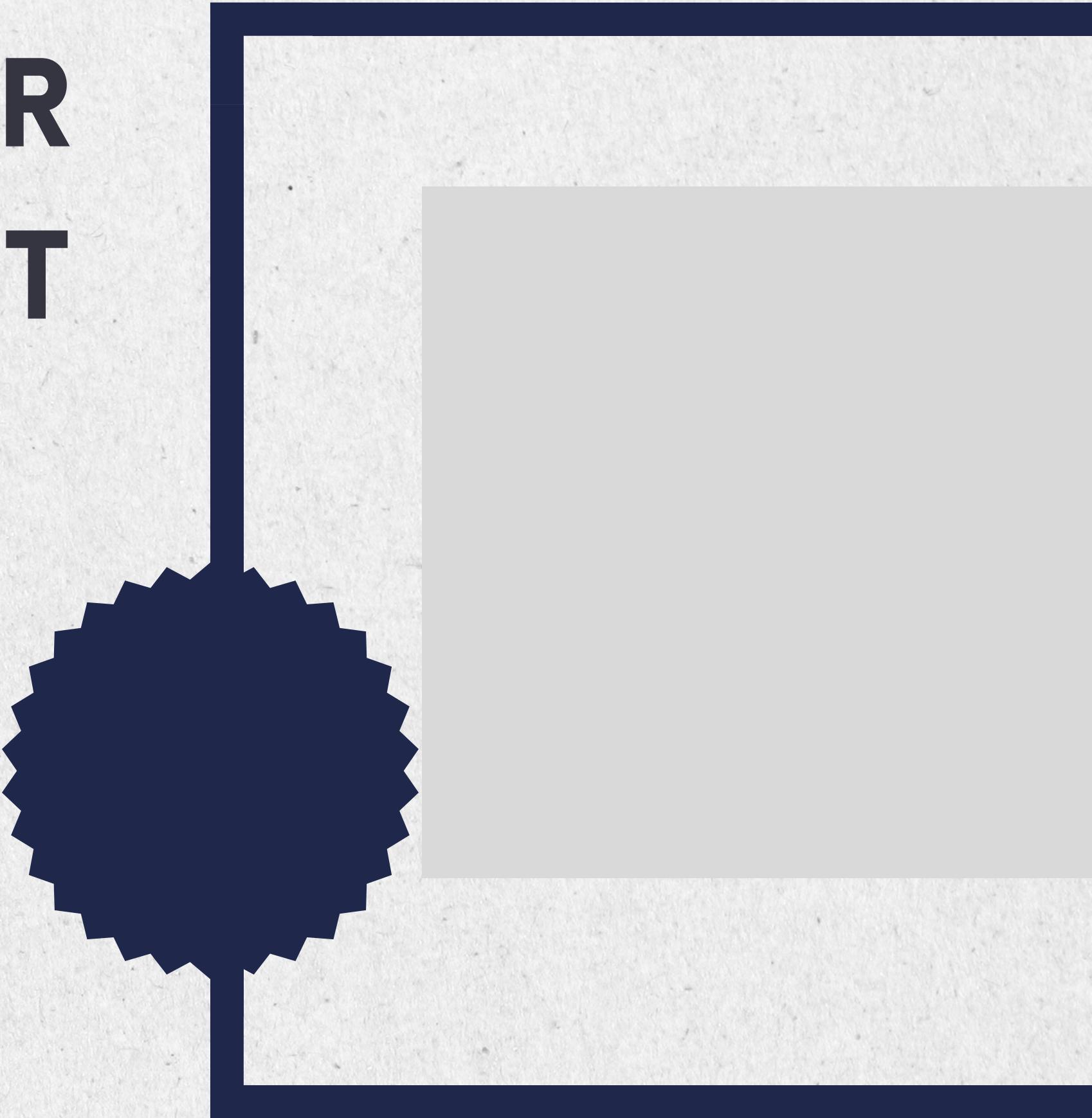


SAN JOSE LITEX SENIOR HIGH SCHOOL STUDENT PORTAL: FUNCTION AND USER INTERFACE

**12 - ICT Microsoft
S.Y. 2022-2023**

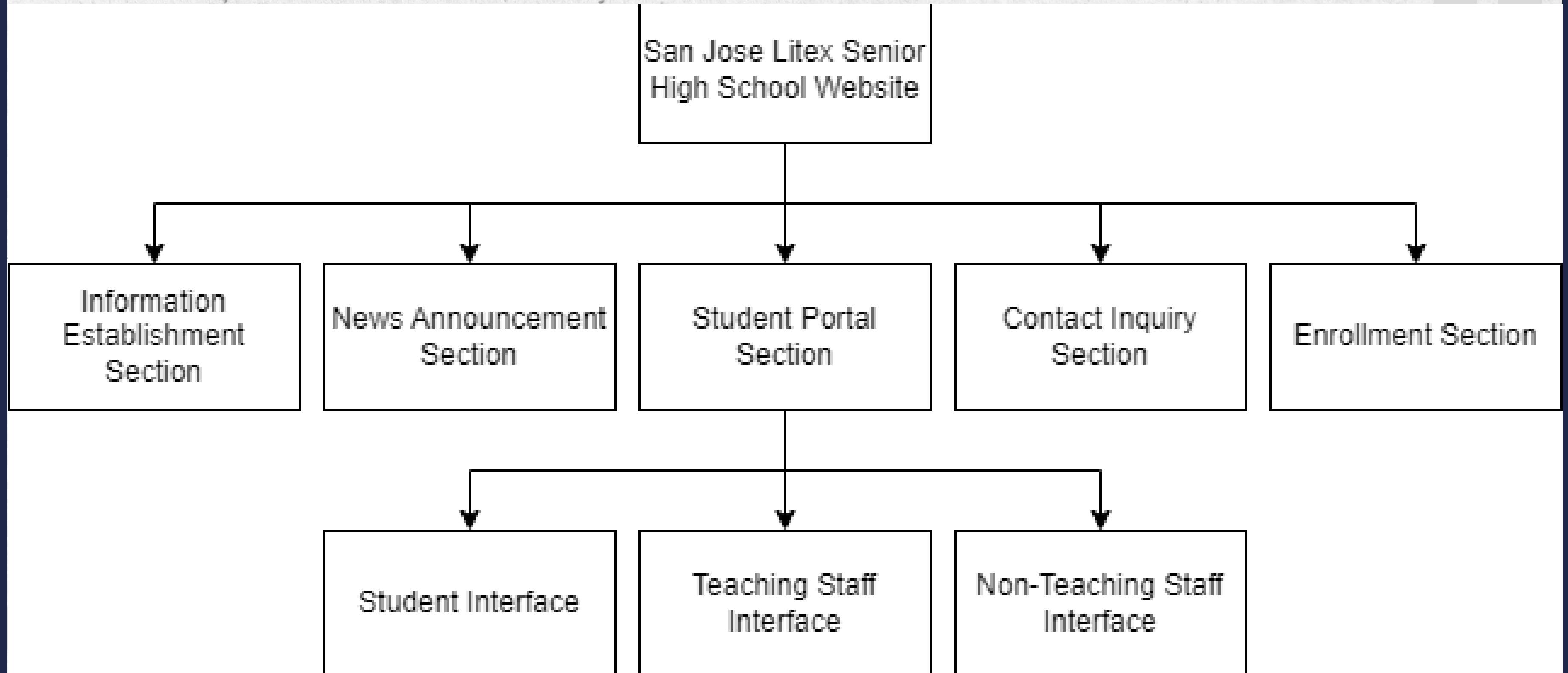
PUTAN ,LUIS GABRIELLE	OBBUS, MATT
BETAIZAR, JOHN PAUL	PRESCO, EARL
MAGCULANG, LUI	CRUZ, ALVER
MORILLO, JOSHUA	TALCO, ZAKI
IGNACIO, JUSTIN	Luzong, PICANTE
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INTRODUCTION AND BACKGROUND OF THE STUDY

- Utilization of portals as a central access point of information is necessary for academic environments to increase convenience in operations and quality in education and services.
- Lack of school website
- Existing traditional methods
- Therefore, due to the perceived benefits of a student portal, the study aims to develop an official school website with an integration of a student portal.

INTRODUCTION AND BACKGROUND OF THE STUDY



STATEMENT OF THE PROBLEM

- 1. The demographic profile of the respondents in terms of:**
 - 1.1 User Category**
- 2. The level of acceptability measurement of the SJLSHS Students' portal in terms of:**
 - 2.1 Perceived Convenience**
 - 2.2 Perceived Usefulness**
 - 2.3 Perceived Usability**
- 3. Is there a significant difference between the level of acceptability measures of SJLSHS Students' Portal respondents?**

NULL HYPOTHESIS

The study's null hypothesis indicates that there is no significant difference between the levels of acceptability measurement of the respondents of the San Jose Litex Senior High School Student's Portal.

SCOPE AND DELIMITATION

- The overall goal of the research is to develop a website and an integrated student portal with the primary goal of improving students' and instructors' ability to undertake online activities through a centralized information access point.
- The scope of the research includes the Grade 11 and 12 students, teaching staff, and the administrative staff of San Jose-Litex Senior High School during the school year 2022-2023.

SIGNIFICANCE OF THE STUDY

- Students are given easy access to student and school-related information.
- Teachers and the Administrative Staff are able to enhance their traditional operations to make it more convenient.
- Parents are provided transparency of information.
- The Educational Institution's exposure and visibility increases.

DEFINITION OF TERMS

- Database - is an electronic system that allows data to be easily accessed, manipulated and updated.
- Perceived Convenience - refers to how easy and hassle-free the user finds it to use the student portal for various tasks
- Perceived Usability - is the individual's perception of the ease of use of a technology.
- Perceived Usefulness - is the belief that it will improve one's performance or accomplish a task more effectively.

DEFINITION OF TERMS

- Portal - is a point of access in which the content is only available for specific users.
- Uniform Resource Locator - a reference to locate resources on the Internet
- User Interface - is the point of human-computer interaction and communication in a device
- Django - is a high-level Python web framework that follows the model-view-controller architectural pattern and enables rapid development of secure and maintainable sites.

REVIEW OF RELATED LITERATURE

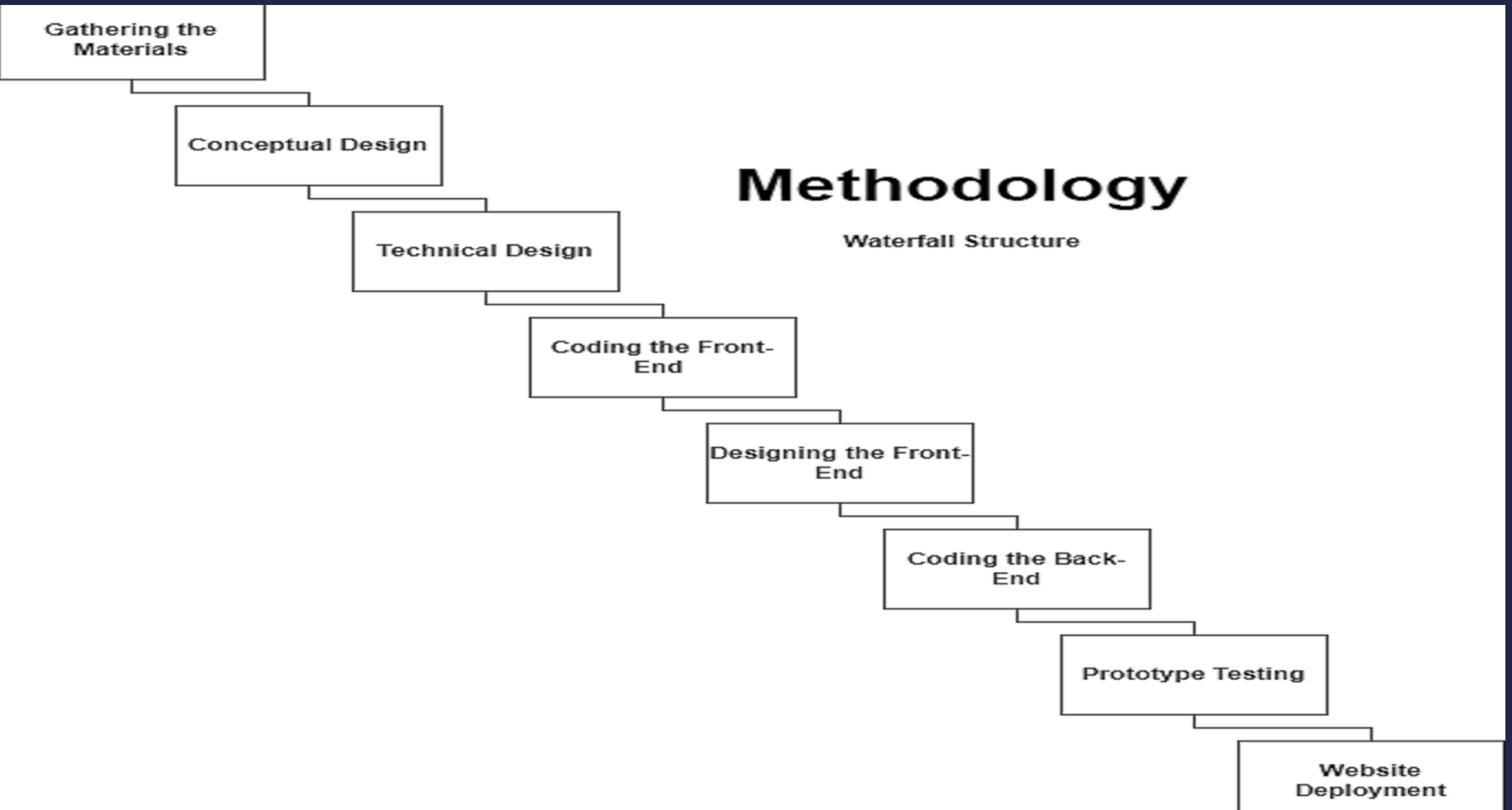
- Due to the benefits of modernization, technological innovations were created to increase efficiency and convenience of operations, and structure information to organize data in a readily available manner for the user. But the functionality of these innovations are not enough by themselves. The factors of usability and the quality of its user interface and its design are also crucial variables for influencing user behavior.

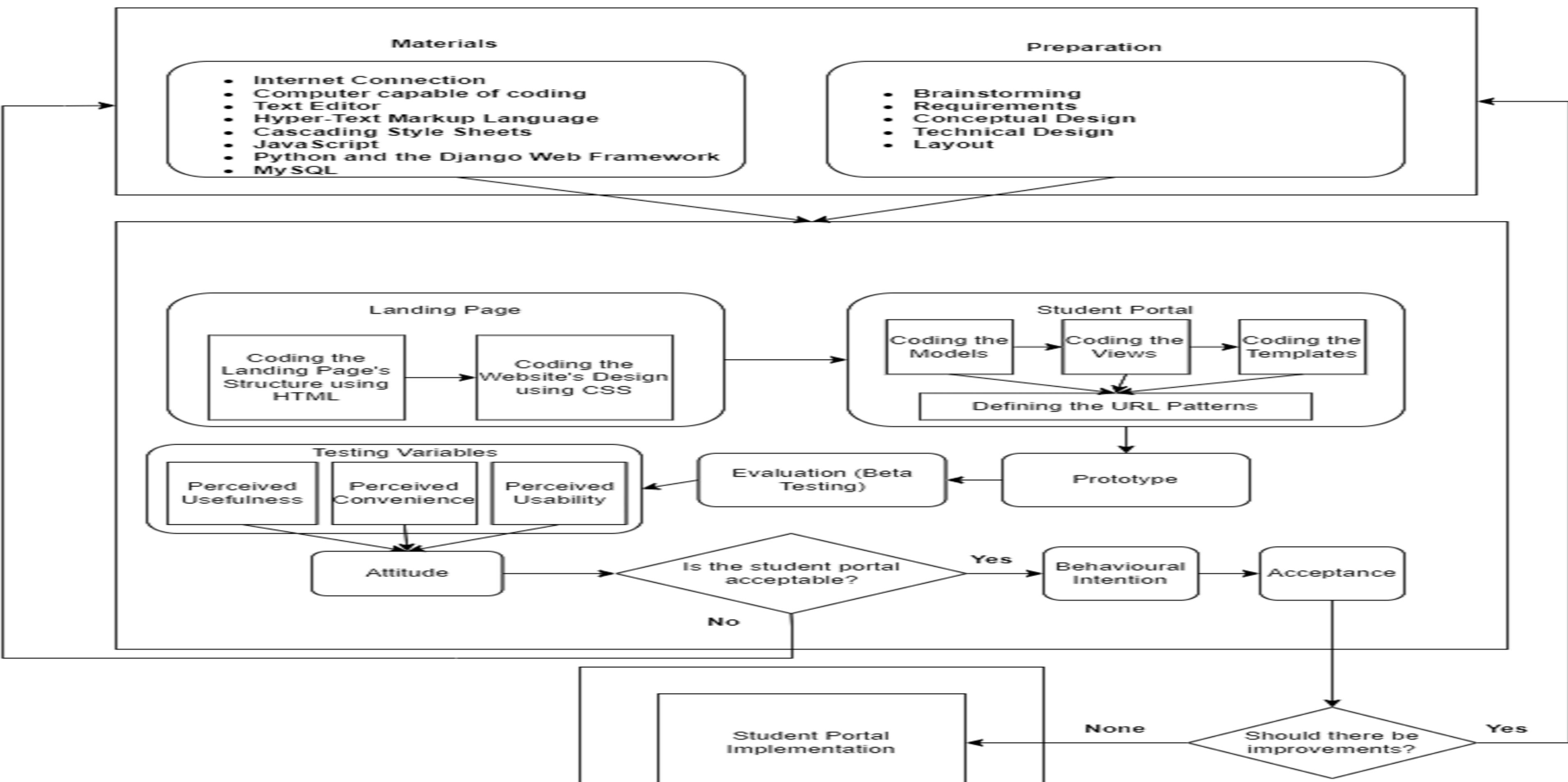
SUBJECTS OF THE STUDY

The portal's access is limited for the use of Grade 11 and 12 students of San Jose Litex Senior High School along with its teaching and non-teaching staff. Therefore, the bodies mentioned are then also the subjects of the study who will participate in the beta test phase of the student portal.

Methodology

Waterfall Structure





RESEARCH DESIGN

- The study features a quantitative, true experimental research design using a Likert-scale survey form to preserve objectivity.
- Results will then be subjected to statistical treatment for an accurate analysis.

STATISTICAL TREATMENT

- Simple Percentage
- Mean
- Standard Deviation
- One-Way ANOVA