# CHAPTER 3

**TECHNICAL BACKGROUND**

This chapter discusses the technical requirements of the system. Insert more introductory statements if you prefer.

## Hardware Requirements

This should contain your project’s hardware requirements. Present them in tabular form. You may follow the sample table below.

Table 1. Hardware Requirements

|  |  |  |
| --- | --- | --- |
| **Hardware Requirement** | **Specification** | **Description** |
|  |  |  |
|  |  |  |

*\*Note: Avoid cutting your tables. If in case necessary, you must repeat the header row/s.*

## Software Requirements

This should contain your project’s software requirements. Present them in tabular form. You may follow the sample table below.

Table 2. Software Requirements

|  |  |  |
| --- | --- | --- |
| **Software Requirement** | **Specification** | **Description** |
|  |  |  |
|  |  |  |

## Data Requirements

This should contain your project’s data requirements. The data requirements section should clearly outline the specific data needed for your project, detailing its sources, types, and relevance to achieving the project objectives. Present them in tabular form. You may follow the sample table below.

Table 3. Data Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Construct/ Variables** | **Source of Data** | **Data Gathering Technique** | **Instrument** | **Data Processing** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

*\*Note: Provide a discussion after each table. Ensure that all components are comprehensively discussed.*

## User Requirements

This section details the essential modules, functions, and features that the system must include to meet user needs. It outlines the core functionalities such as user management, data handling, reporting, notifications, and security measures. Each module is designed to support specific user roles, ensuring efficiency, accessibility, and security in system operations. By defining these requirements in a structured format, the development team can align the system’s design and functionality with user expectations and project objectives. Sample presentation:

Table 4. User Requirements

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **Function** | **Description** | **User Role** |
| Example: Dashboard | Overview of System Status | Displays key metrics and summaries | Admin, Staff |
|  |  |  |  |
|  |  |  |  |