Object-Oriented System Analysis and Design (OOSAD) Documentation Template

File Template

Chapter One - Introduction

1. **Project Overview** (a general background of the organization or the sector you are working in, paragraphs on the problems currently existing in the sector or the organization, and at the end, list down main problems that you are going to solve using bullets)

1.2 Target audience analysis (who will be your websites target audiences and categorize them based on different demographics such as age, gender, education, technical or non-technical users, living standard etc….)

1.3 Objectives

1.3.1 General Objective (a single paragraph that tells what exactly the general objective/ goal of your system is)

1.3.2 Specific Objectives (list of specific objectives that your system will provide/ improve)

1.4 Scope of the Project (what your system will provide and what functionalities will be outside your boundary, or what will be your limitations in providing a solution)

1.5 Tools and Methodologies

1.5.1 Methdology

1.5.2 Document Preparation Tools (what tools are you going to use for documentation preparation and why)

1.5.3 System Design Tools (what designing tools are you using and why?)

1.5.4 System Development Tools (what development tools are you going to use, and why?)

1.5.5 System Development Languages (what development languages are you going to use and why)

Chapter Two - Requirement analysis Determination

1. Introduction

1.1 Purpose

The purpose of this document is to provide a comprehensive overview of the Object-Oriented System Analysis and Design (OOSAD) process for the "Integrated AI Surveillance & Satellite Data Analysis for Causality Reporting" system.

1.2 Scope

The "Integrated AI Surveillance & Satellite Data Analysis for Causality Reporting" system aims to integrate AI-assisted surveillance with satellite image-assisted data mining to measure causality and generate reports. This document outlines the functional and non-functional requirements, use cases, entities, classes, and their relationships for the system.