**Bug Resolution Application Management**

**(Web Application)**

**Technologies: Django**

.

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# Abstract

As we Know the IT technology is growing up day by day. And with the advancement in technology users facing issues while learning this technologies. There are many communities where users post there questions/queries and get answer related to these questions. The main example of this type of community is stack over flow. So in this project created a bug resolution app using Django. Where developers post there queries and other developers answers there questions

# Introduction

## Why this High-Level Design Document?

The purpose of this High-Level Design (HLD) Document is to add the necessary detail to the current project description to represent a suitable model for coding. This document is also intended to help detect contradictions before coding and can be used as a reference manual for how the modules interact at a high level.

**The HLD will:**

* + - Present all of the design aspects and define them in detail
    - Describe the user interface being implemented
    - Describe the hardware and software interfaces
    - Describe the performance requirements
    - Include design features and the architecture of the project
    - List and describe the non-functional attributes like:

-Security

-Reliability

-Maintainability

-Portability

-Reusability

-Application compatibility

-Resource utilization

-Serviceability

## Scope

The HLD documentation presents the structure of the system, such as the database architecture, application architecture (layers), application flow (Navigation), and technologyarchitecture. The HLD uses non-technical to mildly- technical terms which should be understandable to the administrators of the system.

# General Description

## Product Perspective & Problem Statement

The goal of this project is to make a website where user post there questions and other people answers there questions. A web application where developers can suggest the solution for any specific

issue.

## Tools used

Python, Django, Django ORM, MYSQL, Bootstrap, html, JavaScript, css, heroku

# Design Details

### Key Features of this project:

### Authentication system

### Login

### Logout

### Profile update

### Post question

### Edit question

### Question voting

### Question views

### Update and delete questions

### Comment on questions

### Answer functionality

### Answer voting

### Answer views

### Comments on answer

### Update and delete answer

### Search Functionality

### Same question not asked two times

### Tag search

### Tags count question

# Deployment

This project is deployed on heroku server.