**CS-24-333**

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Technology Specifications

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# Overview

The Gender Diversity in STEMM Repository is a web application developed to serve as a central repository for resources related to gender diversity in Science, Technology, Engineering, Mathematics, and Medicine (STEMM). This document provides an overview of the technologies used in the development and deployment of the project.

# Goals

1. **Creating a dynamic website that is easy to manage and update for both administrators and curators**
2. **Have publications linked on the website, and be able to filter through and navigate to papers**

# Specifications

The project Specifications are as follows:

# Backend

## Programming Language

Python 3.0: The project is developed using Python

## Web Framework

Flask - used to handle HTTP requests, routing, and views

## Database

Hold research papers?

# Frontend

1. HTML/CSS/JavaScript

HTML: The latest version of HTML is used for structuring the content of the website

CSS: Cascading Style Sheets are employed for styling and layout

JavaScript: JavaScript is used for client-side interactivity and dynamic content

# Dependencies

# Security