Technological Diagram

International Student Assist (ISA)

UI page for application forms and web pages

UI Layer

Web UI and Components

HTML

CSS

JavaScript

Web Servers

Handles user requests and responses

Business Layer

User Authorization

Express js Application Webserver

Handles uploaded documents and creates unique file paths

Application Programming Interface

File System Module

provides an object- oriented, web-based interface

Web service

Allows our Javascript application to access the DBMS

Omnis js Wrapper

Data Layer

Data Extract

Uploaded documents are sent to the file repository

MySQL Database

File repository