



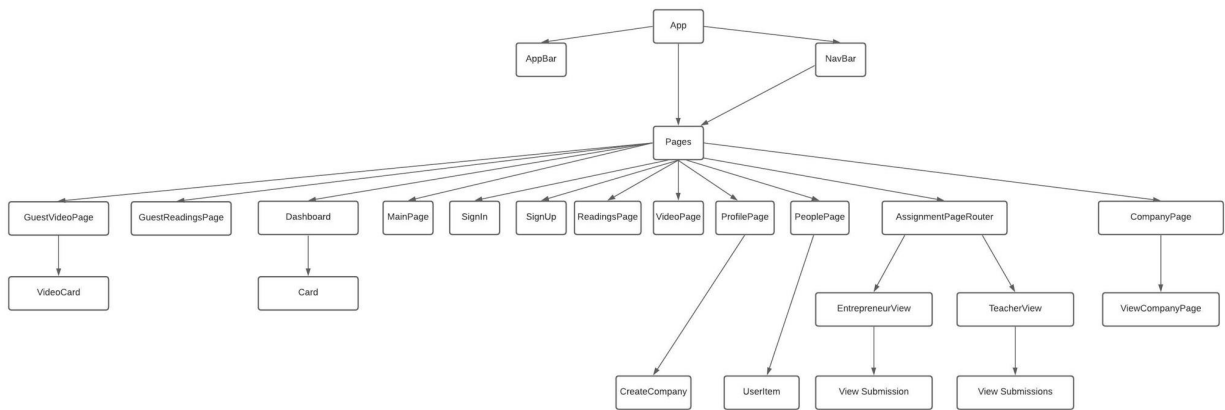
# African Impact Challenge Documentation

Tapas Rastogi  
Patrick Kemzang  
Haolong Zhang  
Clement Tran  
Aaron Tan  
Brandon Jaipersaud  
Ho Ki Yuen

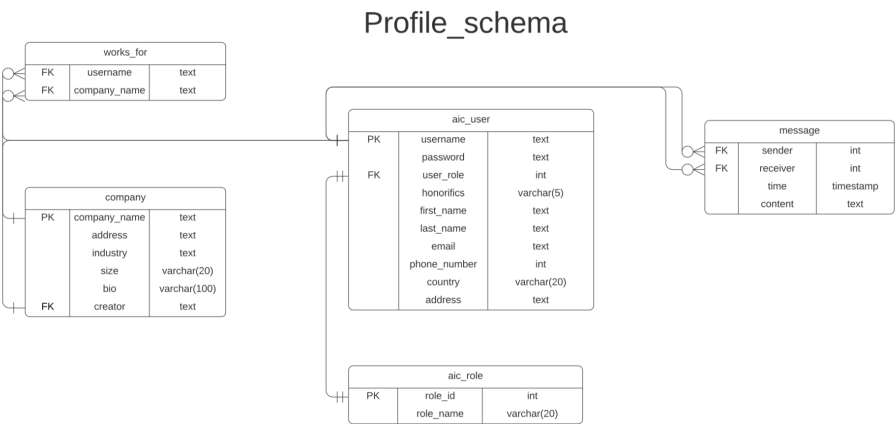
## Table of Contents

React Component Layout	3
Database Design	3
API Documentation	5

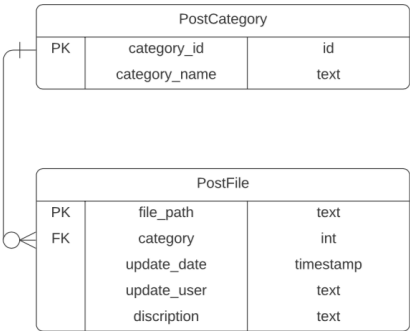
# React Component Layout



# Database Design



# Post\_schema



# API Documentation

## Authentication

- Session-based authentication is used (as opposed to token-based)

## Middleware

Filename	Purpose	Description	Used Routes
auth.js	Authentication	<p>Use for any privileged routes (i.e. routes the user needs to be logged-in to access)</p> <p>Checks if the user attempting to access the route is logged-in based on the session cookie it receives from the client.</p> <p>Send a 404 if failed authentication. If successful authentication, proceed to the desired route.</p>	<p>Every route other than:</p> <p>/api/profile/register/ /api/profile/login/</p>
upload.js	Store resources in server file-system	Use as middleware to routes which aim to store resources on the server.	/api/course/upload

/api/course/upload	User-defined middleware to handle storing file paths in the db.	Use as middleware to more specific upload routes.	/api/course/upload/as signment/teacher  /api/course/upload/as signment/entrepreneu r
--------------------	---	---	---

### Profile-Based Routes

Method	HTTP Request Verb	Description
/api/profile/register/	<b>POST</b>	Profile Creation  Username and other registration fields should be sent in JSON.  Headers: Content-Type: application/json
/api/profile/update/	<b>PUT</b>	Update profile
/api/profile/delete/	<b>DELETE</b>	Delete profile
/api/profile/login/	<b>POST</b>	Login to website. Session cookie should be sent from server to the client.
/api/profile/logout/	<b>GET</b>	User logout. Client browser and server should destroy the session cookie associated with the client-server connection.
/api/profile/createCompany/	<b>POST</b>	Used to create company. Company registration data should be JSON encoded and included in the request body.

/api/profile/inCompany/	<b>GET</b>	Checks whether the currently logged-in user is part of a company
/api/profile/getCompany/	<b>GET</b>	Gets company data associated with the company the logged-in user is part of.
/api/profile/getUser/	<b>GET</b>	Gets a user' information
/api/profile/getEntrepreneurs	<b>GET</b>	Gets information of all entrepreneurs associated with AIC
/api/profile/getInstructors	<b>GET</b>	Gets information of all instructors associated with AIC
/api/profile/getPartners	<b>GET</b>	Gets information of all partners associated with AIC
/api/profile/getStartups	<b>GET</b>	Gets information of all startups associated with AIC

### Course-Based Routes

Method	HTTP Request Verb	Description
/api/course/upload	<b>POST</b>	Used to upload a resource (file/video) onto the server.  Resources=readings,assignments,videos
/api/course/getReadings	<b>GET</b>	Obtain a list of all reading files sorted by upload date.
/api/course/getVideos	<b>GET</b>	Obtain a list of all video files sorted by upload date.
/api/course/getAssignments	<b>GET</b>	Obtain a list of all assignment files sorted by upload date.

/api/course/upload/assignment/teacher	<b>POST</b>	Stores an assignment file uploaded by a teacher.
/api/course/upload/assignment/entrepreneur	<b>POST</b>	Stores an assignment submission file uploaded by an entrepreneur.
/api/course/forgotpassword	<b>PUT</b>	Used to request to reset password -> reset code will be sent to user's email
/api/course/resetpassword	<b>PUT</b>	Used to reset password after correct verification code entered
/api/course/fetchIncomingInvites	<b>GET</b>	Get invites sent to the current user
/api/course/fetchOutgoingInvites	<b>GET</b>	Get invites that have been sent to other users
/api/course/declineInvite	<b>PATCH</b>	Used to decline an invite
/api/course/acceptInvite	<b>PATCH</b>	Used to accept an invite