GreenHorn   
Recruitment System Proposal

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**Project Description**

The goal of this project is to build a web-app for a recruitment service that will pre-screen potential employees for our corporate and small business partners who are looking to hire new talent. We specialize in screening candidates ideal for the positions and streamlining the recruitment process for all involved.

Our aim is to get job descriptions from our corporate and small business partners and then headhunt the talent for them to cut down on the amount of time they have to spend on recruitment in-house. Our recruitment specialists will then do pre-interviews and provide our clients with the best candidates for their needs and are best suited to their company values.

**Technologies Used**

* GitHub
* WPF
* C#
* AWS – S3 for CV Storage [\*\*\*is there an Azure equivalent for this we can use instead?\*\*\*]
* Azure – DB Storage & Project Deployment
* Entity Framework
* Drag & Drop [for CV upload]
* LINQ
* Unit Testing
* StackPanel
* Material Design
* Export to Excel
* Statistics and charts

**Tables**;

**Table 1**  
Candidates  
CandidateID PK, AI, INT, Not Null  
Name VC(100), Not Null  
Email VC(100), Not Null  
Phone VC(15), Not Null  
Address VC(250), Not Null  
CvFileId FK 🡪 CV Files  
Status VC(100) [Field triggered by updating Applications.Status]  
StatusDate DateTime [Triggered by Applications.UpdatedAt]  
notes [text]

**Table 2**  
ApplicationsApplicationID PK, AI, INT, Not Null  
PositionID FK 🡪 Positions  
CandidateID FK 🡪 Candidates  
Status ENUM [applied (default), reviewed, interviewed, rejected, offered, hired]  
CreatedAt DateTime, Not Null  
UpdatedAt DateTime, Not Null

**Table 3**  
PositionsPositionId PK, AI, INT, Not Null  
PositionName VC(100), Not Null  
Type ENUM [Permanent FT, Permanent PT, Temporary FT, Temporary PT, Contract,   
 Seasonal FT, Seasonal PT]  
IndustryID FK 🡪 Industries  
Requirements VC(350), Nullable  
CompanyID FK 🡪 Companies

**Table 4**  
Companies  
CompanyID PK, AI, INT, Not Null  
CompanyName VC(100), Not Null  
Address VC(250), Not Null  
email VC(100), Not Null  
phone VC(15), Not Null

**Table 5**  
Industries  
IndustryID PK, AI, INT, Not Null  
Industry Name VC(250)

**Table 6**  
CV Files  
CvFieldID PK, AI, INT, Not Null  
CvFile BLOB

**Wireframe**

Diagram

Description automatically generated

**Database Image**

**![Diagram

Description automatically generated]()**