|  |  |  |  |  |  |
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| ***Database*** | kpaeglis01 | ***Table Name*** | applicants | ***(Composite)Key Field*** |  |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description:** |
| Table for individual applicant records. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | Y | Y | INT | 11 | AUTO\_INCREMENT |  | ID for applicants. | 1 |
| first\_name | Y | Y | Y | VARCHAR | 50 |  |  | First name of the applicant. | Kristaps |
| last\_name | Y | Y | N | VARCHAR | 50 |  |  | Last name of the applicant. | Paeglis |
| email\_address | Y | N | N | VARCHAR | 50 |  |  | Full e-mail of the applicant. | [kpaeglis01@qub.ac.uk](mailto:kpaeglis01@qub.ac.uk) |
| home\_phone | N | N | N | VARCHAR | 16 |  | NULL | Home phone of the applicant. | 02088732987 |
| mobile\_phone | Y | N | N | VARCHAR | 16 |  |  | Mobile phone number of the applicant. | 07049876234 |
| address | Y | N | N | VARCHAR | 50 |  |  | Street address of the applicant. | 12 Abbot Gardens |
| city | Y | Y | N | VARCHAR | 58 |  |  | City of the applicant. | Newtownards |
| country | Y | Y | N | VARCHAR | 20 |  |  | County of the applicant. | Northern Ireland |
| postal\_code | Y | Y | N | VARCHAR | 8 |  |  | Postal code of the applicant. | BT23 9DS |
| notes | N | N | N | LONGTEXT |  |  | NULL | Additional information of the applicant. | Applicant fluent in Gernam and Englush. |
| attachments | N | Y | N | LONGBLOB |  |  | NULL | Attachments, including CV, passport and other images/documents tied to the applicant. | CV.pdf |

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| ***Database*** | kpaeglis01 | ***Table Name*** | application | ***(Composite)Key Field*** | applicant\_id, job\_id |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| applicant | id |  |  |
| job | id |  |  |

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| **General table description:** |
| Table for individual application for applicant. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| id | Y | Y | Y | INT | 11 | AUTO\_INCREMENT |  | ID for application. | 1 |
| applicant\_id | Y | Y | N | INT | 11 |  |  | Applicant ID tied to application. | 23 |
| date\_of\_application | Y | Y | N | DATE |  |  |  | Application submission date. | 2024-02-12 |
| other\_details | N | N | N | LONGTEXT |  |  | NULL | Application additional details. | Participated in work shadowing week for Kainos in 2023. |
| job\_id | Y | Y | N | INT | 11 |  |  | Job tied with application. | 25 |
| process\_id | Y | Y | N | TINYINT | 4 |  |  | Current stage of application. | 6 |
| applicant\_assessment\_id | Y | Y | N | INT | 11 |  |  | Applicant assessment ID. | 2 |
| education | Y | Y | N | VARCHAR | 50 |  |  | Applicant education submitted in application. | Queen’s University Belfast |
| degree | Y | Y | N | VARCHAR | 50 |  |  | Applicant degree submitted in application. | BSc Computer Science |
| experience | N | N | N | TINYINT | 4 |  | NULL | Applicant experience submitted in application. | Software Engineering at Internship Kainos |

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| ***Database*** | kpaeglis01 | ***Table Name*** | assessment | ***(Composite)Key Field*** |  |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description:** |
| Table for list of assessments. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| id | Y | Y | Y | ITN | 11 | AUTO\_INCREMENT |  | ID for assessments. | 1 |
| assessment\_duration | Y | Y | N | INT | 11 |  |  | Assessment duration in seconds. | 360 |
| assessment\_questions | Y | N | N | LONGTEXT |  |  |  | Questions for assessment | Question 1: How would you rate your leadership skills? (on a scale of 1-5), Question 2: How would you rate your leadership skills? (on a scale of 1-5) |

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| ***Database*** | kpaeglis01 | ***Table Name*** | company | ***(Composite)Key Field*** |  |

**Related to:**

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| --- | --- | --- | --- |
| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| company\_manager | id |  |  |
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| **General table description:** |
| Table for list of companies. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | Y | Y | INT | 11 | AUTO\_INCREMENT |  | ID for company. | 1 |
| company\_name | Y | Y | N | VARCHAR | 50 |  |  | Name of company on list. | Kainos |
| manager\_id | N | Y | N | INT | 11 |  | NULL | Manager ID for company. | 2 |
| company\_phone | Y | N | N | VARCHAR | 16 |  |  | Company phone number for contact. | 02088704380 |
| company\_email | N | N | N | VARCHAR | 50 |  | NULL | Company email for contact. | [k.robinson@kainos.co.uk](mailto:k.robinson@kainos.co.uk) |
| company\_address | N | Y | N | VARCHAR | 50 |  | NULL | Company address line for HQ. | 2 College Avenue |
| company\_city | N | Y | N | VARCHAR | 58 |  | NULL | Company city for HQ. | Belfast |
| company\_post\_code | N | Y | N | VARCHAR | 8 |  | NULL | Company post code for HQ. | BT1 6DS |
| company\_notes | N | N | N | LONGTEXT |  |  | NULL | Company notes. | IT company. |

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| ***Database*** | kpaeglis01 | ***Table Name*** | company\_manager | ***(Composite)Key Field*** |  |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description:** |
| Table for company manager details. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | Y | Y | INT | 11 | AUTO\_INCREMENT |  | ID for company\_manager. | 1 |
| company\_id | N | Y | N | INT | 11 |  | NULL | ID for company on list. | 2 |
| manager\_first\_name | Y | Y | N | VARCHAR | 50 |  |  | Manager first name for company. | Chris |
| manager\_last\_name | Y | Y | N | VARCHAR | 50 |  |  | Manager last name for company. | Johnston |
| manager\_phone | Y | N | N | VARCHAR | 16 |  |  | Manager phone number for company. | 02077808732 |
| manager\_email | N | N | N | VARCHAR | 50 |  | NULL | Manager email for company. | [c.johnston@kainos.co.uk](mailto:c.johnston@kainos.co.uk) |
| manager\_notes | N | N | N | VARCHAR | 255 |  | NULL | Manager notes for company. | Regional Hiring Manager for Northern Ireland |

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| ***Database*** | kpaeglis01 | ***Table Name*** | job | ***(Composite)Key Field*** |  |

**Related to:**

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| --- | --- | --- | --- |
| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| company | id | job\_type | id |
| job\_category | id |  |  |

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| **General table description:** |
| Table for job posting. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | Y | Y | INT | 11 | AUTO\_INCREMENT |  | ID for job. | 1 |
| job\_name | Y | Y | N | VARCHAR | 255 |  |  | Job title of posting. | Web Developer |
| job\_post\_date | Y | Y | N | DATETIME |  |  |  | Job post date. | 2024-01-20 |
| job\_description | Y | Y | N | LONGTEXT |  |  |  | Job posting description. | Proficient use of JavaScript and 1 years of experience. |
| job\_start\_date | N | Y | N | DATE |  |  | NULL | Job start date. | 2024-05-02 |
| job\_expiry\_date | Y | Y | N | DATE |  |  |  | Job expiry date. | 2024-02-18 |
| job\_no\_openings | N | Y | N | TINYINT | 4 |  | NULL | Job number of openings. | 3 |
| job\_category | N | Y | N | INT | 11 |  | NULL | Job post category. | Tech |
| job\_type | Y | Y | N | TINYINT | 4 |  |  | Job post type. | Permanent Full-Time |
| job\_salary | N | Y | N | DOUBLE |  |  | NULL | Job post salary. | 65700 |
| job\_location | N | Y | N | VARCHAR | 50 |  | NULL | Job post location. | London |
| company\_name | Y | Y | N | VARCHAR | 50 |  |  | Company name for job posting. | Kainos |
| company\_id | Y | Y | N | INT | 11 |  |  | Company id for job posting. | 5 |
| job\_open\_position | Y | Y | N | BOOLEAN |  |  |  | Job open position, 1 for open and 0 for closed. | 1 |

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| ***Database*** | kpaeglis01 | ***Table Name*** | job\_category | ***(Composite)Key Field*** |  |

**Related to:**

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| --- | --- | --- | --- |
| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description:** |
| Job category list. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | N | Y | INT | 11 | AUTO\_INCREMENT |  | ID for job\_category. | id |
| category\_name | Y | N | N | VARCHAR | 50 |  |  | Category name for job listging. | Tech |

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| ***Database*** | kpaeglis01 | ***Table Name*** | job\_type | ***(Composite)Key Field*** |  |

**Related to:**

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| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
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| **General table description:** |
| Table for job type. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | N | Y | INT | 11 | AUTO\_INCREMENT |  | ID for job\_type. |  |
| job\_type\_title | Y | N | N | VARCHAR | 50 |  |  | Job type title. | Permanent Full-Time |

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| ***Database*** | kpaeglis01 | ***Table Name*** | process | ***(Composite)Key Field*** |  |

**Related to:**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Table Name*** | ***Foreign Key*** | ***Table Name*** | ***Foreign Key*** |
| process\_permissions | id |  |  |
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| **General table description:** |
| Table for process list. |

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| ***Field Name*** | ***R*** | ***I*** | ***U*** | ***Data Type*** | ***Length*** | ***Format Rule(s)*** | ***Default Value*** | ***Description*** | ***Typical Data*** |
| Id | Y | Y | Y | INT | 11 |  |  | ID for process. | 1 |
| process\_name | Y | N | N | VARCHAR | 50 |  |  | The name of the application stage. | Assessment |
| process\_description | Y | N | N | VARCHAR | 255 |  |  | The description of the application stage. | Pending Assessment |
| process\_permissions | Y | N | N | TINYINT | 4 |  |  | The permission level granted for that stage. | 2 |

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| --- | --- | --- | --- | --- | --- |
| **Key:** | **R=Required** | Y | (Yes – NOT NULL) | N | (No) |
|  | **I=Indexed** | Y | (Yes – indexed) | N | (Not indexed) |
|  | **U=Unique** | Y | Yes (Unique) | N | (Not unique) |