**Student:** *s3955624* **Practical Data Model:** *Want-2-Work*

**EMPLOYER TABLE**

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| CREATE TABLE employer (  Employer\_no INT(10) NOT NULL AUTO\_INCREMENT,  `Name` VARCHAR(40) NOT NULL,  Industry VARCHAR(40) DEFAULT NULL,  `Description` TEXT DEFAULT NULL,  Email VARCHAR(255) DEFAULT NULL,  Phone VARCHAR(20) DEFAULT NULL,  Address VARCHAR(80) DEFAULT NULL,  Suburb VARCHAR(20) DEFAULT NULL,  State VARCHAR(3) DEFAULT NULL,  Postcode VARCHAR(5) DEFAULT NULL,  PRIMARY KEY (Employer\_no)  ); |

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| INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Address, Suburb, State, Postcode)  VALUES(  'Canva',  'Software Development',  'We\'re a global online visual communications platform on a mission to empower the world to design. Featuring a simple drag-and-drop user interface and a vast range of templates ranging from presentations, documents, websites, social media graphics, posters, apparel to videos, plus a huge library of fonts, stock photography, illustrations, video footage, and audio clips, anyone can take an idea and create something beautiful on Canva on any device, from anywhere in the world.',  'hello@canva.com',  '110 Kippax Street',  'Surry Hills',  'NSW',  '2010'  );  INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Phone, Address, Suburb, State, Postcode)  VALUES(  'Optiver',  'Financial Services',  'Create better access and prices for all – that’s our goal for financial markets the world over. As a leading global electronic market maker, we are dedicated to our mission of continuously improving the market. It’s a responsibility we don’t take lightly. It’s the driving force behind our business. Even in times of extreme volatility, we stay the course. Resolute in our belief that the market should always be liquid for economies to thrive.',  'careers@optiver.com.au',  '61292756000',  '39 Hunter Street',  'Sdyney',  'NSW',  '2000'  );  INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Phone, Address, Suburb, State, Postcode)  VALUES(  'GHD',  'Civil Engineering',  'GHD is a global network of multi-disciplinary professionals providing clients with integrated solutions through engineering, environmental, design and construction expertise. Our future-focused, innovative approaches connect and support communities around the world, resiliency and sustainability for generations to come.',  'careers@ghd.com',  '61768493911',  'LEVEL 9/180 Lonsdale St',  'Melbourne',  'VIC',  '3000'  );  INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Phone, Address, Suburb, State, Postcode)  VALUES(  'Westpac Group',  'Financial Services',  'From rescue helicopters to signing the Equator Principles, from paying super during parental leave to adding \'Touch ID\'​ biometric technology to our banking apps and being first on the scene with a helping hand in times of crisis... we have a proud history of stepping up to be first for our customers, communities and people. As Australia’s first bank and Australia’s first company we put service at the heart of everything we do and our people are our priority. ',  'info@westpac.com.au',  '61100099567',  '150 Collins St',  'Melbourne',  'VIC',  '3000'  );  INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Address, Suburb, State, Postcode)  VALUES(  'Capgemini',  'IT Consulting',  'Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 350,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms.',  'careers@capgemini.com.au',  '7/1 William St',  'Perth',  'WA',  '6000'  );  INSERT INTO employer  (NAME, Industry, DESCRIPTION, Email, Address, Suburb, State, Postcode)  VALUES(  'TikTok',  'Entertainment Providers',  'TikTok is the world\'s leading destination for short-form video. Our platform is built to help imaginations thrive. This is doubly true of the teams that make TikTok possible.',  'careers@tiktok.com',  '68 Pitt Street',  'Sdyney',  'NSW',  '2000'  ); |

**STAFF TABLE**

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| CREATE TABLE staff (  Staff\_no INT(10) NOT NULL AUTO\_INCREMENT,  Employer\_no INT(10) NOT NULL,  First\_name VARCHAR(40) NOT NULL,  Last\_name VARCHAR(40) NOT NULL,  Email VARCHAR(255) DEFAULT NULL,  Phone VARCHAR(20) DEFAULT NULL,  PRIMARY KEY (Staff\_no),  FOREIGN KEY (Employer\_no)  REFERENCES employer(Employer\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  1,  'Linda',  'Holff',  'linda.holff@canva.com'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  1,  'Jason',  'Green',  'jason.green@canva.com'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  2,  'Aiden',  'Jonathan',  'aiden.jonathan@optiver.com.au',  '6140398199'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  2,  'Klay',  'Irving',  'klay.irving@optiver.com.au',  '6102987290'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  3,  'Jackson',  'Odom',  'jackson.odom@ghd.com',  '6102923125'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  3,  'Jeremy',  'Lin',  'jeremy.lin@ghd.com'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  4,  'Stephen',  'James',  'stephen.j@westpac.com.au',  '6108123890'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  4,  'Jonathan',  'Kuminga',  'jonathan.k@westpac.com.au'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  5,  'Lamar',  'Schudle',  'lamar.schudle@capgemini.com.au'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  5,  'Catherine',  'Park',  'catherine.park@capgemini.com.au'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  5,  'Cameron',  'Brink',  'cameron.brink@capgemini.com.au',  '6104678256'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email)  VALUES(  6,  'Anna',  'Nguyen',  'anna.nguyen@tiktok.com'  );  INSERT INTO staff  (Employer\_no, First\_name, Last\_name, Email, Phone)  VALUES(  6,  'Effie',  'Wang',  'effie.wang@tiktok.com',  '6102987289'  ); |

**APPLICANT TABLE**

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| CREATE TABLE applicant (  Applicant\_no INT NOT NULL AUTO\_INCREMENT,  First\_name VARCHAR(40) NOT NULL,  Last\_name VARCHAR(40) NOT NULL,  Email VARCHAR(255) NOT NULL,  Phone VARCHAR(20) DEFAULT NULL,  Residency\_status VARCHAR(2) NOT NULL,  Employment\_status CHAR(1) NOT NULL,  Address VARCHAR(80) DEFAULT NULL,  Suburb VARCHAR(20) DEFAULT NULL,  State VARCHAR(3) DEFAULT NULL,  Postcode VARCHAR(5) DEFAULT NULL,  PRIMARY KEY (Applicant\_no),  UNIQUE (Email)  ); |

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| INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'John',  'Furry',  'johnfurry12@gmail.com',  '6104378980',  'C',  'U',  '39 Alburn St',  'Melbourne',  'VIC',  '3001'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Khawi',  'Leonard',  'kleonard@gmail.com',  '6104569231',  'PR',  'U',  '55 Williams Drive',  'Arrowsmith',  'WA',  '6050'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Jaxon',  'Otto',  'jaxono01@gmail.com',  '6104010821',  'T',  'U',  '300 Davis Avenue',  'Tarramura',  'NSW',  '1035'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Callum',  'Thomas',  'cthomas@gmail.com',  '6104379319',  'C',  'E',  '198 Thorton Drive',  'Earlwood',  'NSW',  '1005'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Gabriel',  'Williams',  'gwilliams@gmail.com',  '6104281789',  'T',  'U',  '2 Wellington St',  'Waterloo',  'NSW',  '2001'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Scarlett',  'McKenzie',  'scarlettm@gmail.com',  '6103908726',  'C',  'U',  '23 Victoria St',  'Melbourne',  'VIC',  '3053'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Madeleine',  'Cooper',  'madeline91@gmail.com',  '6104298761',  'PR',  'U',  '23 Victoria St',  'Docklands',  'VIC',  '9010'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Bella',  'Anderson',  'bella90@gmail.com',  '6104290712',  'T',  'U',  '290 Mandura Avenue',  'Perth',  'WA',  '7018'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Charlotte',  'Nevin',  'charlotte.nevin@gmail.com',  '6104910835',  'C',  'U',  '129 Beckett St',  'Waterloo',  'NSW',  '2017'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Chelsea',  'Mason',  'cmason@gmail.com',  '6101917890',  'C',  'U',  '235 Raffle St',  'Burwood',  'NSW',  '2134'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Maxwell',  'Rigg',  'maxwell.rigg@gmail.com',  '6102910782',  'PR',  'U',  '221 Burwood Hwy',  'Burwood',  'VIC',  '3125'  );  INSERT INTO applicant  (First\_name, Last\_name, Email, Phone, Residency\_status, Employment\_status, Address, Suburb, State, Postcode)  VALUES(  'Vincent',  'Jones',  'vincent.j@gmail.com',  '6102908715',  'T',  'U',  '391 Kent St',  'Bentley',  'WA',  '6102'  ); |

**APPLICANT\_EXPERIENCE TABLE**

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| CREATE TABLE applicant\_experience (  Experience\_no INT NOT NULL AUTO\_INCREMENT,  Applicant\_no INT NOT NULL,  Title VARCHAR(100) NOT NULL,  Company VARCHAR(100) NOT NULL,  `Description` TEXT DEFAULT NULL,  Start\_date DATE DEFAULT NULL,  End\_date DATE DEFAULT NULL,  PRIMARY KEY (Experience\_no),  FOREIGN KEY (Applicant\_no)  REFERENCES applicant(Applicant\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  1,  'Information Technology Vacation Student',  'Alcoa System',  'Developed a deep understanding of Networks & Systems Administration.  Gained hands-on experience in a real-world corporate environment.  Contributed to a team that prioritizes safety and values.',  '2023-11-20',  '2024-02-15'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  2,  'Software Engineering Student Intern',  'Australian Signals Directorate',  'Gained experience in the Government - State sector.  Contributed to Australia’s national security technology system.  Developed a deep understanding of the workings of the Australian Signals Directorate.',  '2023-07-01',  '2023-12-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  6,  'Finance Intern',  'ANZ Bank',  'Managed and maintained an up-to-date invoice tracker, promptly entering new invoices into SAP for accurate financial record keeping.  Designed and implemented a user-friendly template for monthly financial reviews, serving as a vital management accounting tool for the organization.  Developed an energy data tracker using Excel, enabling efficient data collection and analysis for sustainability reporting',  '2023-10-20',  '2024-02-15'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  8,  'Finance Intern',  'Waze',  'I finished a 4-week summer internship at Waze as a Finance Intern.  During the internship, I assisted in data collection, month-end process, balance sheet reconciliation, margin and cost analysis.  The experience helped me enhance my financial analysis skills and proficiency in Excel and Xero.',  '2023-10-01',  '2023-11-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  7,  'Student Intern',  'Kubernet Financial Group',  'Engaged in various learning and development sessions with experienced professionals from 5 leading companies in the financial services industry including:  - Sequoia Financial Group  - Novatti Group Limited  - Australian Unity  - Hall and Wilcox  - Charter Hall Group',  '2023-05-10',  '2023-07-21'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  4,  'Finance Manager',  'LVMH Group',  'Handling 15 companies financial aspects. Companies are operating in various sectors like, 4 Labour Hire companies, 2 Retail sectors, 2 construction companies, 1 property investment company, etc…  Examining bank statements and reconciling them with general ledger entries  Examining expenses submitted by employees and process payroll of company.  Keeping an eye on incoming payments from accounts receivable and outgoing payments from accounts payable  Creating company financial reports with the above information included  Analysing data collected in order to determine the state of the company’s financial health',  '2015-09-15',  '2022-05-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  4,  'Tax Accountant',  'Rytherford Limited',  'Preparing tax statements, financial statements, and BAS statements at required intervals.  Creating and returning statements and documents to clients by set deadlines. Liaising with the Australian Taxation Office (ATO) and other regulatory bodies when required  Preparing business income tax returns and statements for audits  Assisting in financial planning  Regularly reviewing systems and making updates and improvements where necessary',  '2013-02-20',  '2015-07-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  9,  'Assistant Accountant',  'Boeing',  'Experience in using Net Suite, Financial force, and MYOB  Accounts Payable & Receivable  Employee Expense Reimbursement  Bank & Credit Card Reconciliations  Cash flow Management & Forecasting  Payroll & Human Resource Management  Payroll Tax & Superannuation lodgement  BAS, IAS  Preparation of Consolidated Profit Loss & Balance sheet',  '2015-09-15',  '2022-05-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  10,  'Finance Analyst',  'Maven Australia',  'This gave me the opportunity to build the role and demonstrates my self-motivation and autonomy. Maven is a ride sharing/ car sharing division of General Motors and my responsibilities were financial planning for Australian operations.   Key facilitator for a Maven fleet funding arrangement between Holden NSC and GM Financial (GMF).   Initial $20m funding arrangement was organised within two weeks, the book successively increasing to ~$50m.   Had to manage multiple stakeholder expectations and motivations – Maven, Holden & GMF.   Ensuring the transaction followed Tax, Legal and Accounting standards.   Developed the Maven P&L Model from scratch (also was utilised by the Middle East Maven division)   Annual revenue of $25M, with 30 employees   Vehicle residual value modelling – over 2,000 vehicle fleet.   Multiple strategic reviews with Holden c-level management.',  '2019-10-15',  '2023-02-01'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  9,  'Corporate Finance Manager',  'KPMG',  '• Provide consultancy & business support to various systems implemented (SAP, LDW / BW BO & Hyperion Planning) by the finance, by assisting the vast end-user community in using and utilising the financial systems efficiently and effectively, and by adding improved functionality on a continuous basis.  • Participate in various analytical initiatives in group finance, collating & analysing data in various financial systems & coming out with actionable business insights.  • Challenge the existing business processes proposing & recommending the best in class financial processes and act as a \'change-agent\'  • Ensure that the application support costs are reduced on a continuous basis by implementing sustainable solutions to various business problems',  '2019-07-01',  '2023-12-31'  );  INSERT INTO applicant\_experience (Applicant\_no, Title, Company, `Description`, Start\_date, End\_date)  VALUES (  10,  'Commercial Finance Manager',  'Warner Entertainment Group',  '- Principal finance partner to content production, ratings and insights, post-production, casting, digital and social, branding, publicity, distribution and royalties, facilities and operations, information technology, and training and talent - setting budgets and forecasts for each department.  - Created a project to sub-lease unused production equipment, delivering an additional AU$1m profit.  - Delivered biannual reviews on the performance of the Australian business and local television market.  - Managed the successful delivery of an industry-first post-production training program to create 34 new jobs and the construction of a new corporate premises at an AU$6m capital expense.',  '2023-03-01',  '2024-05-20'  ); |

**APPLICANT\_QUALIFICATION TABLE**

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| CREATE TABLE applicant\_qualification (  Qualification\_no INT NOT NULL AUTO\_INCREMENT,  Applicant\_no INT NOT NULL,  Institution VARCHAR(255) NOT NULL,  Degree\_level VARCHAR(3) NOT NULL,  Degree\_title VARCHAR(255) NOT NULL,  `Description` TEXT DEFAULT NULL,  Start\_date DATE DEFAULT NULL,  End\_date DATE DEFAULT NULL,  PRIMARY KEY (Qualification\_no),  FOREIGN KEY (Applicant\_no)  REFERENCES applicant(Applicant\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  1,  'RMIT University',  'BA',  'Bachelor of Computer Science',  '2021-02-25',  '2023-11-25'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  2,  'University of Western Australia',  'M',  'Bachelor of Science in Computer Science',  '2026-07-25',  '2019-07-01'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  2,  'University of Western Australia',  'M',  'Master of Information Technology',  '2020-07-19',  '2021-11-01'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  3,  'UNSW',  'BA',  'Bachelor of Science (Computer Science)',  'GPA 4.0  Dean\'s List 2023  Co-curriculum activity: President in UNSW Coding Club',  '2022-02-18',  '2024-11-01'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  5,  'The University of Sdyney',  'BAH',  'Bachelor of Advanced Computing (Honours)',  'GPA 3.5',  '2021-07-01',  '2024-07-01'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  6,  'University of Melbourne',  'BA',  'Bachelor of Commerce, Major in Finance',  'Teasurer at UMSU International 22/23',  '2021-02-18',  '2023-11-29'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  7,  'University of Melbourne',  'M',  'Master of Finance',  'Finance officer at MOMU 23/24',  '2022-02-25',  '2024-11-15'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  8,  'Curtin University',  'BA',  'Bachelor of Commerce, Major in Finance',  '2022-07-11',  '2025-07-10'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  12,  'University of Western Australia',  'BA',  'Bachelor of Commerce, Major in Accounting',  '#1 place in International Finance Debate held in WA 2023',  '2022-07-01',  '2025-07-15'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, `Description`, Start\_date, End\_date)  VALUES (  4,  'University of Western Australia',  'BA',  'Bachelor of Commerce, Major in Accounting',  '#1 place in International Finance Debate held in WA 2017',  '2009-07-01',  '2012-07-15'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  9,  'UNSW',  'BA',  'Bachelor of Commerce, Major in Taxation',  '2009-07-01',  '2012-07-15'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  9,  'UNSW',  'M',  'Master of Finance',  '2013-01-16',  '2014-11-01'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  10,  'UNSW',  'BA',  'Bachelor of Commerce, Major in Taxation',  '2013-07-01',  '2017-07-15'  );  INSERT INTO applicant\_qualification(Applicant\_no, Institution, Degree\_level, Degree\_title, Start\_date, End\_date)  VALUES (  11,  'University of Melbourne',  'BA',  'Bachelor of Commerce, Major in Accouting',  '2015-07-01',  '2018-07-15'  ); |

**APPLICANT\_SKILL TABLE**

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| CREATE TABLE applicant\_skill (  Skill\_no INT NOT NULL AUTO\_INCREMENT,  Applicant\_no INT NOT NULL,  skill\_name VARCHAR(255) NOT NULL,  PRIMARY KEY (Skill\_no),  FOREIGN KEY (Applicant\_no)  REFERENCES applicant(Applicant\_no)  ON DELETE CASCADE,  UNIQUE (Applicant\_no, skill\_name)  ); |

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| INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'C++'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'HTML'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'Java'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'Python'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'JavaScript'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'React'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'NodeJS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'ExpressJS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'Cloud Computing'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'EC2'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'Python'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'C'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'JavaScript'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'AWS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'Azure'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'C++'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'MongoDB'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'MySQL'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'HTML'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'Front End Software Engineering'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  2,  'SQL'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Full Stack Sofware Development'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Sofware Testing'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Java'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Python'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'CSS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Django'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'SQL'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'Pytest'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'NodeJS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'ExpressJS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  3,  'SOLID Framework'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  5,  'HTML'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  5,  'CSS'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  5,  'JavaScript'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  5,  'Python'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  1,  'Attention to Detail'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  6,  'Financial Forecasting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  12,  'Financial Forecasting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  7,  'Regulatory Compliance'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  8,  'Regulatory Compliance'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  7,  'Investment Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  6,  'Investment Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  12,  'Investment Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  6,  'Financial Analysis'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  8,  'Financial Analysis'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  12,  'Financial Analysis'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  8,  'Budgeting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  7,  'Budgeting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  6,  'Budgeting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  4,  'Strategic Financial Planning'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  9,  'Strategic Financial Planning'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  10,  'Strategic Financial Planning'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  11,  'Strategic Financial Planning'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  4,  'Financial Reporting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  9,  'Financial Reporting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  10,  'Financial Reporting'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  4,  'Cash Flow Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  9,  'Cash Flow Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  10,  'Cash Flow Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  11,  'Cash Flow Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  9,  'Mergers and Acquisitions'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  9,  'Risk Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  4,  'Risk Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  10,  'Risk Management'  );  INSERT INTO applicant\_skill (Applicant\_no, skill\_name)  VALUES (  4,  'Debt Management'  ); |

**APPLICANT\_INTEREST TABLE**

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| CREATE TABLE applicant\_interest (  Interest\_no INT NOT NULL AUTO\_INCREMENT,  Applicant\_no INT NOT NULL,  interest\_name VARCHAR(255) NOT NULL,  PRIMARY KEY (Interest\_no),  FOREIGN KEY (Applicant\_no)  REFERENCES applicant(Applicant\_no)  ON DELETE CASCADE,  UNIQUE (Applicant\_no, interest\_name)  ); |

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| INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  1,  'Australian Football'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  11,  'Australian Football'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  5,  'Australian Football'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  2,  'Basketball'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  4,  'Basketball'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  8,  'Piano'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  7,  'Violin'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  4,  'Hiking'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  8,  'Read'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  8,  'Swim'  );  INSERT INTO applicant\_interest (Applicant\_no, interest\_name)  VALUES (  7,  'Football'  ); |

**VACANCY TABLE**

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| CREATE TABLE vacancy (  Vacancy\_no INT NOT NULL AUTO\_INCREMENT,  Employer\_no INT NOT NULL,  Title VARCHAR(40) NOT NULL,  Job\_type VARCHAR(2) NOT NULL,  Location\_type CHAR(1) NOT NULL,  Post\_date DATE NOT NULL,  End\_date DATE NOT NULL,  Salary INT DEFAULT NULL,  `Description` TEXT NOT NULL,  PRIMARY KEY (Vacancy\_no),  FOREIGN KEY (Employer\_no)  REFERENCES employer(Employer\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, `Description`)  VALUES(  1,  'Software Engineer Internship',  'I',  'O',  '2024-04-01',  '2024-06-10',  'Join the team redefining how the world experiences design.  Hey, g\'day, mabuhay, kia ora, 你好, hallo, vítejte!  We’re looking for the next generation of Canvanauts!  Our Canva internship is a 12-week remote friendly program that runs from the first week of December to the last week of February. There will also be an opportunity to meet your team in person at our flagship campus in Sydney to experience all the magic of Canva in real life. So your summer time is sorted.  As an Intern, you\'ll have the opportunity to work on real-life projects from start to finish. Along with this, we\'ll pair you with a Host and assign you a Buddy who will ensure your success every step of the intern journey. Think of them as your own personal intern tour guides.  You\’ll be part of a welcoming and inclusive Early Talent community of peers that take pride in Canva’s culture of being good humans and empowering each other to achieve our big goals.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, Salary, `Description`)  VALUES(  1,  'Finance Business Partner',  'F',  'H',  '2024-04-15',  '2024-05-30',  130000,  'Join the team redefining how the world experiences design.  Hey, g\'day, mabuhay, kia ora, 你好, hallo, vítejte!  As Canva scales change continues to be part of our DNA. But we like to think that\'s all part of the fun. So this will give you the flavour of the type of things you\'ll be working on when you start, but this will likely evolve.  FP&A is a force multiplier, accelerating Canva’s journey on its 2-step plan! Step One – to become one of the world’s most valuable companies; and Step Two – to do the most good we can!  Working closely with Business Leaders across the entire company, we bring our financial expertise to bear - enabling strategic decision making that drives top-line growth and strong profitability, plotting the path from goals to execution through financial planning, driving financial rigour and prudent investment, delivering key insights that lead to meaningful action, and increasing the efficiency of our operations.  The FP&A Cost of Revenue (CoR) team is a critical component to driving financial sophistication and rigour to Canva’s ongoing growth. Through deep understanding of strategy and goals, planning, execution and impacts, FP&A CoR will act as trusted business partners whose perspectives are valued and sought after in the decision-making process.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, Salary, `Description`)  VALUES(  2,  'Software Engineer',  'F',  'O',  '2024-05-01',  '2024-07-01',  110000,  'Our Software Engineers build proprietary trading systems which directly impact the financial markets. Our software engineering teams leverage technology to solve a variety of difficult problems.  Our trading strategies must respond to market events in microseconds or less, and we automatically price large, diverse sets of financial instruments with extremely low error tolerance. We continually refine, store, and analyze terabytes of data produced by market activity and our trading systems. Our user interfaces must present coherent, responsive real-time visualizations of market activity and system performance while providing intuitive control of a highly complex system. Our core systems must provide a stable, performant, and trusted foundation on which our systems are built.  At Optiver we pride ourselves on being real engineers, not just coders. Our engineers work closely with traders to identify the business problems we face and determine how they should be solved. We apply a disciplined and scientific approach. We engineer simple, well-architected solutions that meet the dynamic needs of our traders. Our passion is to solve problems which really matter to the business, and we take pride in the quality of our solutions.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, Salary, `Description`)  VALUES(  2,  'Accounting Manager',  'F',  'O',  '2024-04-15',  '2024-06-15',  95000,  'We are looking for an Accounting Manager to join our growing finance team in the Australia. This person will play an influential role in a number of finance activities, including, but not limited to, managing the UK’s regulatory reporting obligations and overseeing the financial reporting process. You will also have the opportunity to impact the wider finance environment across the business by interacting with counterparts in our Chicago and Amsterdam offices in projects such as global technology transformation.  If you are someone who enjoys collaborating with global teams to solve complex financial problems, we encourage you to apply!'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, Salary, `Description`)  VALUES(  3,  'Civil Engineer',  'F',  'O',  '2024-03-15',  '2024-05-30',  95000,  'Bring your curiosity and determination to make a positive impact on the future of transport, and we’ll help you go all the way.  We are seeking a passionate Civil Engineer based in Melbourne that will deliver quality design, management and implementation of small to medium infrastructure projects across Melbourne and the Pacific, with a view to winning new and repeat work.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, `Description`)  VALUES(  3,  'Graduate Civil Engineer',  'F',  'O',  '2024-04-01',  '2024-05-30',  'Bring your curiosity and determination to make a positive impact on the future of transport, and we’ll help you go all the way.  GHD has an exciting opportunity for a Graduate Civil Engineer located in our Melbourne office. Reporting to the Project Manager, you will work on an exciting variation of projects and be responsible for providing design and drawing preparation for civil, municipal, structural and/or transportation related projects, in a timely and cost effective manner, which meet client, contractual and company requirements.  With commitment, there’s no idea too big, no dream too far. We strive to create opportunity for all. Giving you leading training and development programmes to accelerate your growth.  Come and see where your career can take you and the impact your commitment can make.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, `Description`)  VALUES(  4,  'Global Markets Summer Analyst',  'I',  'H',  '2024-05-01',  '2024-07-30',  'Work in a fast-paced, data-driven environment of global financial markets. By joining one of our specialist GM teams, you’ll discover how we create value for our clients with a wide range of responsibilities. From trading and sales activities in financial markets, to encompassing all foreign exchange, commodities, fixed income and interest rate products.  Our program is the perfect launch pad for your career in GM.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, `Description`)  VALUES(  4,  'Global Transaction Services Intern',  'I',  'H',  '2024-05-01',  '2024-07-30',  'GTS is a key pillar of Westpac’s Institutional Bank. Servicing the cash management and working capital needs of Corporate, Institutional and Government clients. GTS is a critical source of funding for the Institutional Bank balance sheet enabling extension of our key credit products. GTS also manages the payments infrastructure for all of Westpac Group.'  );  INSERT INTO vacancy  (Employer\_no, Title, Job\_type, Location\_type, Post\_date, End\_date, `Description`)  VALUES(  4,  'Invoice Finance Manager',  'F',  'O',  '2024-05-01',  '2024-07-30',  'Solid working capital management is at the heart of every successful business. In this role you’ll work closely with the Commercial Relationship Management team to make sure existing and new clients have the right working capital funding solution for their business. Helping clients with everything from facilitating the import / export of goods by providing Trade Instruments such as Letters of Credit to funding working capital needs via Trade and Invoice Finance Products.'  ); |

**VACANCY\_SKILL TABLE**

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| CREATE TABLE vacancy\_skill (  Vacancy\_skill\_no INT NOT NULL AUTO\_INCREMENT,  Vacancy\_no INT NOT NULL,  skill\_name VARCHAR(60) NOT NULL,  PRIMARY KEY (Vacancy\_skill\_no),  FOREIGN KEY (Vacancy\_no)  REFERENCES Vacancy(Vacancy\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  1,  'Object-Oriented Programming'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  1,  'Computing Theory'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  1,  'Java'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  1,  'JavaScript'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'Budgeting'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'Financial Forecasting'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'Financial Modeling'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'Financial Performance'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'P&L Management'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  2,  'Quarterly Reviews'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'C++'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'C#'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'C'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'Python'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'Computer Science Fundamentals'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  3,  'Collaboration'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  4,  'Regulatory Reporting'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  4,  'Microsoft Excel'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  4,  'Financial Control'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  4,  'Financial Reporting'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  5,  'Civil Design'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  5,  'Infrastructure Cost Estimation'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  5,  'Tender Documentation'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  5,  'Construction Monitoring'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'AutoCAD Civil 3D'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Microsoft Office'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Land Development Planning'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Land Development Design'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Land Development Construction'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Water Infrastructure Planning'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Water Infrastructure Design'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Water Infrastructure Construction'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Construction Documents Development & Delivery'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Verbal Communication'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  6,  'Written Communication'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  7,  'Quantitative Solutions'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  7,  'Global Markets Economics Research'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  7,  'Systematic Financing & Systematic Markets'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  7,  'Commodities, Trade & Carbon'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  8,  'Problem Solving'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  8,  'Solution Development/Design'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  8,  'Client Service'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  8,  'Product Management'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  9,  'International Trade Finance'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  9,  'Cash Flow Management'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  9,  'Managerial Finance'  );  INSERT INTO vacancy\_skill  (Vacancy\_no, skill\_name)  VALUES(  9,  'Working Capital Management'  ); |

**VACANCY\_RESPONSIBILITY TABLE**

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| CREATE TABLE vacancy\_responsibility (  Vacancy\_responsibility\_no INT NOT NULL AUTO\_INCREMENT,  Vacancy\_no INT NOT NULL,  responsibility\_description TEXT NOT NULL,  PRIMARY KEY (Vacancy\_responsibility\_no),  FOREIGN KEY (Vacancy\_no)  REFERENCES vacancy(Vacancy\_no)  ON DELETE CASCADE  ); |

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| INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  1,  'Collaborating with your assigned team to design, develop, test and maintain your intern project'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  1,  'Developing and maintaining documentation for software development processes, procedures, and guidelines'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  1,  'Developing your craft with some of the most talented engineers'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  1,  'Interacting with a wide variety of stakeholders from both inside and outside your team to deliver high-quality work in a fast-paced environment'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  2,  'Maintain and strengthen the ongoing partnership between Finance and the Infrastructure, Platform, and Data business units'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  2,  'Partner closely with senior business leaders to forecast, track and manage spend'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  2,  'Build modelling and conduct analysis to forecast spend and for procurement negotiations'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  2,  'Present monthly financial outcomes, quarterly reviews, AND annual budget outputs '  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  3,  'Design, develop, support, and maintain trading systems, tools, and infrastructure'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  3,  'Collaborate deeply with traders, risk analysts, researchers, and other engineers'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  3,  'Gain and develop an in-depth understanding of trading theory and practice'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  4,  'Primary responsibility for preparing regulatory reporting in accordance with the Investment Firm Prudential Regime ("IFPR") for a MIFIDPRU investment firm, and responsibility for inputting into regulatory capital calculations'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  4,  'Playing a key role in preparing the annual Internal Capital Adequacy and Risk Assessment ("ICARA")'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  4,  'Overseeing and coordinating financial reporting processes, in particular some of the month-end close process for multiple entities'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  4,  'Helping to manage the preparation of annual financial statements and audit-related deliverables, liaising with our external auditors as required'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  4,  'Reviewing complex expense and profit sharing allocations between entities and business units'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  5,  'Assist with investigation, design and implementation of a range of civil, structural, transportation, aviation and water projects'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  5,  'Provide infrastructure costing services, and asset management plan preparation advice and input'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  5,  'Manage and assist with the preparation of contract documentation and tendering of physical works'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  5,  'Assist with project management, construction monitoring and contract management'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  6,  'Interacting with other members OF project engineering teams and contractors'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  6,  'Assisting with performing engineering calculations TO assess SYSTEM and equipment characteristics'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  6,  'Assisting with preparing project plans, specifications, and cost estimates'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  6,  'Participating in construction support activities'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  7,  'Utilise your strong mathematical skillset while working alongside our sales and trading teams, focusing on pricing, risk and financial analytics'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  7,  'Apply your interest and knowledge of economics to help our clients understand and predict markets'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  7,  'You’ll be a part of a nimble team who automate and digitise processes, leverage data analytics and build creative solutions in order to solve our customers’ most complex financial problems'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  7,  'ou’ll be front and centre learning the fundamentals of the Australian economy. You’ll work with specialised teams focused on the sales and trading across the full spectrum of commodities including agriculture, energy and metals'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  8,  'Domestic and International Payments – Management of Westpac Group\'s domestic and cross-border payments including daily processing, P&L ownership, risk management, and regulatory reporting'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  8,  'Relationship Management and Client Service - Relationship ownership and sales of GTS\'s cash management products and services including payables, receivables and liquidity solutions, as well as servicing support of existing client needs'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  8,  'Strategy, Risk, Transformation and Business Management – Delivery of GTS Leadership Team strategic priorities, support to GTS COO with business management duties, and support for day-to-day administration of the GTS Line of Business'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  9,  'Growing the trade and invoice finance balance sheet (assets) and revenue base within the region'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  9,  'Taking an active role in monitoring deal/transaction progression from identification to settlement/closure'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  9,  'Providing training, guidance and support to key internal stakeholders / business partners'  );  INSERT INTO vacancy\_responsibility  (Vacancy\_no, responsibility\_description)  VALUES(  9,  'Assisting with the development and implementation of trade and invoice finance sales initiatives and strategies in conjunction with internal stakeholders'  ); |

**APPLICATION TABLE**

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| CREATE TABLE application (  Application\_no INT NOT NULL AUTO\_INCREMENT,  Applicant\_no INT NOT NULL,  Vacancy\_no INT NOT NULL,  Date\_time DATETIME DEFAULT CURRENT\_TIMESTAMP NOT NULL,  `Status` CHAR(1) DEFAULT 'A' NOT NULL,  PRIMARY KEY (Application\_no),  FOREIGN KEY (Applicant\_no)  REFERENCES applicant(Applicant\_no)  ON DELETE CASCADE,  FOREIGN KEY (Vacancy\_no)  REFERENCES vacancy(Vacancy\_no)  ON DELETE CASCADE,  UNIQUE (Applicant\_no, Vacancy\_no)  ); |

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| INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  1,  1,  '2024-04-11 10:59:01',  'O'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  2,  1,  '2024-04-05 13:10:15',  'O'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  3,  1,  '2024-04-20 17:59:59',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  5,  1,  '2024-04-02 18:01:30',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  6,  7,  '2024-05-11 09:12:10',  'O'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  7,  7,  '2024-05-05 03:19:05',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  8,  7,  '2024-05-08 23:59:10',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  12,  7,  '2024-05-10 17:19:12',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  7,  8,  '2024-05-06 12:10:19',  'O'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  6,  8,  '2024-05-03 09:21:03',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  8,  8,  '2024-05-10 08:12:15',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  12,  8,  '2024-05-01 11:19:12',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  4,  4,  '2024-04-21 14:19:21',  'I'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  9,  4,  '2024-04-18 15:12:18',  'I'  );  INSERT INTO application (Applicant\_no, Vacancy\_no)  VALUES (  10,  4  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  11,  4,  '2024-04-21 11:05:19',  'D'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  9,  9,  '2024-05-10 15:09:12',  'I'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  10,  9,  '2024-05-06 13:13:29',  'I'  );  INSERT INTO application (Applicant\_no, Vacancy\_no, Date\_time, `Status`)  VALUES (  4,  9,  '2024-05-12 17:09:12',  'R'  );  INSERT INTO application (Applicant\_no, Vacancy\_no)  VALUES (  11,  9  ); |

**INTERVIEW TABLE**

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| CREATE TABLE interview (  Interview\_no INT NOT NULL AUTO\_INCREMENT,  Application\_no INT NOT NULL,  Staff\_no INT NOT NULL,  Session\_no INT NOT NULL,  Date\_time DATETIME NOT NULL,  `Type` CHAR(1) NOT NULL,  Location VARCHAR(255) NOT NULL,  PRIMARY KEY (Interview\_no),  FOREIGN KEY (Application\_no)  REFERENCES application(Application\_no)  ON DELETE CASCADE,  FOREIGN KEY (Staff\_no)  REFERENCES staff(Staff\_no)  ON DELETE CASCADE,  UNIQUE (Application\_no, Session\_no)  ); |

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| INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  1,  2,  1,  '2024-05-25 10:30:00',  'O',  "office"  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  2,  2,  1,  '2024-05-30 13:15:00',  'V',  'https://us05web.zoom.us/j/8529015944?pwd=4xvKDiF1bPSIrV4xFe1u3LFeUrFPTv.1'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  5,  7,  1,  '2024-06-03 17:00:00',  'V',  'https://join.skype.com/lod8dkUDkcn9'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  7,  8,  1,  '2024-05-30 13:15:00',  'V',  'https://join.skype.com/ygld8rkUnhs0'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  9,  8,  1,  '2024-06-01 10:30:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  13,  3,  1,  '2024-06-15 11:30:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  13,  3,  2,  '2024-06-22 17:00:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  14,  3,  1,  '2024-06-20 15:00:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  17,  7,  1,  '2024-06-15 15:00:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  18,  7,  1,  '2024-06-16 12:00:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  17,  7,  2,  '2024-06-22 17:30:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  18,  7,  2,  '2024-06-23 10:30:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  17,  7,  3,  '2024-07-01 15:25:00',  'O',  'office'  );  INSERT INTO interview (Application\_no, Staff\_no, Session\_no, Date\_time,`Type`, Location)  VALUES (  18,  7,  3,  '2024-07-02 11:30:00',  'O',  'office'  ); |