Research Higher Degree Logical Model

Prepared by:  
Thursdays **Group 4**

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# Derive relations

## Strong Entities

|  |
| --- |
| **Applicant**(applicantId, firstName, lastName, prefTitle, sex, dob, address, suburb, postcode, city, state, country, mobile, phone, email, nationality, isNZAUCitizen, englishProficient, studentId, studentId, dateAdded)  **Primary key** applicantId |
| **ApplicantDocument**(applicantDocumentId, title, description, uploadLink)  **Primary key** applicantDocumentId |
| **Application**(applicationId, versionNumber, proposedStartDate, proposalSummary, requireMoreInfo, dateAdded, dateLastChecked, dateLastModified  **Primary key** applicationId |
| **ApplicationStatus** (applicationStatusId, status, description)  **Primary key** applicationStatusId |
| **AwardType** (awardTypeId, award, awardInfo)  **Primary key** awardTypeId |
| **CorrespondenceMethod** (correspondenceMethodId, method)  **Primary key** correspondenceMethodId |
| **DecisionType** (decisionType, description)  **Primary key** decisionType |
| **Degree** (degreeName, degreeType, yearCompleted, gpa, institutionName, institutionCountry, applicantId)  **Primary key** degreeName, applicantId  **Foreign key** applicantId **references** Applicant(applicantId) |
| **DocumentStatus** (documentStatusId, status)  **Primary key** documentStatusId |
| **DocumentType** (documentTypeId, type)  **Primary key** documentTypeId |
| **UniStaffMemberGeneralStaffMember** |

## Weak Entities

|  |
| --- |
| **Checklist** (applicationId, addressConfirmed, degreeConfirmed, visaConfirmed, proposalConfirmed, hasResearchArea, hasPrimarySuper, payMethConfirmed, refrereesConfirmed, engProfConfirmed)  **Primary key** applicationId  **Foreign key** applicationId **references** Application(applicationId) |

# Normalisation

# User transaction validation

# Check integrity constraints

# Review logical data model

# Check for future growth

# Develop Test Plan

# Section

## Subsection

### Subsubsection

Diagram improvements

* Add data types
* Id names

TODO