

| Table | Column | PK_Flag | FK_Flag | Mandatory | Format | Size | Min Length | Max Length | Format/Mask | Description | Data example |
|----------------------|-------------------------|---------|---------|-----------|---------|---------|------------|---------------|-------------|---|-----------------|
| Respondent | dateOfBirth | | | N | Date | | | | dd/MM/yyyy | The respondent date of birth | 01/02/1980 |
| Respondent | givenNames | | | N | VARCHAR | 20 CHAR | | | | The respondent given names | Bob |
| Respondent | ipAddress | | | Y | VARCHAR | 15 CHAR | | | | The IP address of the respondent device | 255.255.255.255 |
| Respondent | lastName | | | N | VARCHAR | 20 CHAR | | | | The respondent last name | Lee |
| Respondent | phoneNumber | | | N | VARCHAR | 15 CHAR | | | | The respondent phone number | 4050254124 |
| Respondent | recordDate | | | Y | Date | | | | dd/MM/yyyy | The date of respondent has attended the survey | 30/08/2017 |
| Respondent | respondentId | P | | Y | Integer | | 0 | 2,147,483,647 | | The respondent ID | 20 |
| Staff | password | | | Y | VARCHAR | 10 CHAR | | | | The staff password | senha123 |
| Staff | staffId | P | | Y | Integer | | 0 | 2,147,483,647 | | The staff id | 8 |
| Survey | answerDescription | | | N | VARCHAR | 30 CHAR | | | | The answer description | carbus@mail.com |
| Survey | respondentId | P | F | Y | Integer | | 0 | 2,147,483,647 | | The survey respondent ID | 3 |
| Survey | surveyAnswerOptionId | | F | N | Integer | | 0 | 2,147,483,647 | | The survey answer option ID | 1 |
| Survey | surveyQuestionId | P | F | Y | Integer | | 0 | 2,147,483,647 | | The survey question ID | 2 |
| SurveyAnswerOption | answerDescription | | | Y | VARCHAR | 30 CHAR | | | | The answer description | ANZ Bank |
| SurveyAnswerOption | surveyAnswerOptionId | P | | Y | Integer | | 0 | 2,147,483,647 | | The survey answer option ID | 5 |
| SurveyAnswerOption | surveyQuestionId | | F | Y | Integer | | 0 | 2,147,483,647 | | The survey question ID from questions | 2 |
| SurveyAnswerOption | additionalQuestion | | F | N | Integer | | 0 | 2,147,483,647 | | The survey question ID from questions | 4 |
| SurveyQuestion | questionDescription | | | Y | VARCHAR | 30 CHAR | | | | The question description | Age group |
| SurveyQuestion | surveyQuestionDomainId | | F | Y | Integer | | 0 | 2,147,483,647 | | The survey question domain ID from the question | 2 |
| SurveyQuestion | surveyQuestionId | P | | Y | Integer | | 0 | 2,147,483,647 | | The survey question ID | 1 |
| SurveyQuestionDomain | questionTypeDescription | | | Y | VARCHAR | 15 CHAR | | | | The question type description | Text |
| SurveyQuestionDomain | surveyQuestionDomainId | P | | Y | Integer | | 0 | 2,147,483,647 | | The survey question domain ID | 2 |
| SurveyQuestionOrder | questionOrder | P | | Y | Integer | | 0 | 2,147,483,647 | | The primary survey question ID | 1 |
| SurveyQuestionOrder | surveyQuestionId | P | F | Y | Integer | | 0 | 2,147,483,647 | | The follow up survey question ID | 3 |

| SurveyQuestionDomain | |
|-----------------------------|-------------------------|
| surveyQuestionDomainId (PK) | questionTypeDescription |
| 1 | Text |
| 2 | Radio |
| 3 | Checkbox |
| 4 | Dropbox |
| | |
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| SurveyQuestionOrder | |
|---------------------|----------------------|
| questionOrder(PK) | surveyQuestionId(FK) |
| 1 | 3 |
| 2 | 1 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 7 |
| 7 | 8 |
| 8 | 10 |
| | |
| | |
| | |

| Staff | |
|--------------|-----------|
| staffId (PK) | password |
| 1 | admin1234 |
| 2 | 1234 |
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| SurveyQuestion | | |
|----------------------|-----------------------------|--------------------------------|
| surveyQuestionId(PK) | surveyQuestionDomainId (FK) | questionDescription |
| 1 | 2 | Gender |
| 3 | 4 | Your age group |
| 4 | 4 | State |
| 5 | 1 | Home Suburb |
| 6 | 1 | Post Code |
| 7 | 1 | Email Address |
| 8 | 3 | Banks that you use |
| 9 | 3 | Additional bank services used |
| 10 | 3 | Read newspapers |
| 11 | 3 | Newspaper sections of interest |
| 12 | 4 | Sports of interest |
| 13 | 3 | Destination travel interested |
| | | |
| | | |

| SurveyAnswerOption | | | |
|--------------------------|----------------------|---------------------|--|
| surveyAnswerOptionId(PK) | surveyQuestionId(FK) | answerDescription | additionalQuestion (FK surveyQuestionId) |
| 1 | 1 | Male | |
| 2 | 1 | Female | |
| 3 | 3 | 18-30 | |
| 4 | 3 | 31-40 | |
| 5 | 3 | 41-50 | |
| 6 | 3 | 51-60 | |
| 7 | 3 | 61-70 | |
| 8 | 3 | 71-80 | |
| 9 | 3 | 81-100 | |
| 10 | 3 | 101-120 | |
| 11 | 4 | NSW | |
| 12 | 4 | QLD | |
| 13 | 4 | SA | |
| 14 | 4 | TAS | |
| 15 | 4 | VIC | |
| 16 | 4 | WA | |
| 17 | 8 | Commonwealth | |
| 18 | 8 | Wespac | |
| 19 | 8 | ANZ | |
| 20 | 8 | HSBC | |
| 21 | 9 | Internet Banking | |
| 22 | 9 | Home Loan | |
| 23 | 9 | Credit card | |
| 24 | 9 | Share Investment | |
| 25 | 11 | Property | |
| 26 | 11 | Sport | 12 |
| 27 | 11 | Financial | |
| 28 | 11 | Entertainment | |
| 29 | 11 | Lifestyle | |
| 30 | 11 | Travel | 13 |
| 31 | 11 | Politics | |
| 32 | 12 | AFL | |
| 33 | 12 | Football | |
| 34 | 12 | Cricket | |
| 35 | 12 | Racing | |
| 36 | 12 | Motorsport | |
| 37 | 12 | Basketball | |
| 38 | 12 | Tennis | |
| 39 | 10 | The Daily Telegraph | 11 |
| 40 | 10 | Morning Gerald | 11 |
| 41 | 10 | Boomerang News | 11 |
| 42 | 13 | Australia | |
| 43 | 13 | Europe | |
| 44 | 13 | Pacific | |
| 45 | 13 | North America | |
| 46 | 13 | South America | |
| 47 | 13 | Asia | |
| 48 | 13 | Middle East | |

| Respondent | | | | | | |
|-------------------|------------|----------|-----------------|-------------|------------|-------------|
| respondentId (PK) | givenNames | lastName | ipAddress | phoneNumber | recordDate | dateOfBirth |
| 1 | Anonymous | | 255.255.255.255 | | 1/1/2017 | |
| 2 | Bob | Lee | 122.122.345.34 | 405817345 | 1/1/2017 | 20/01/1980 |
| 3 | Mary | Lass | 122.35.288.23 | 405030456 | 2/4/2017 | 15/09/1981 |
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| Survey | | | |
|------------------|----------------------|--------------------------|-------------------|
| respondentId(FK) | surveyQuestionId(FK) | surveyAnswerOptionId(PK) | answerDescription |
| 1 | 2 | 1 | |
| 1 | 1 | 2 | |
| 1 | 3 | 14 | |
| 1 | 4 | 0 | Sydney CBD |
| 1 | 5 | 0 | 2201 |
| 1 | 6 | 0 | carbus@mail.com |
| 1 | 7 | 17 | |
| 1 | 7 | 19 | |
| 1 | 8 | 21 | |
| 1 | 8 | 23 | |
| 1 | 8 | 24 | |
| 1 | 9 | 40 | |
| 1 | 10 | 27 | |
| 1 | 10 | 31 | |
| 1 | 11 | 36 | |
| 1 | 12 | 42 | |
| 1 | 12 | 49 | |
| 1 | 12 | 43 | |

| | | | |
|----|----|--------|--|
| 49 | 13 | Africa | |
| | | | |