# Data Dictionary

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| users | user\_id | Login ID For system users | VARCHAR | 20 |  | Y | PK | Must be at least 6 characters but not longer than 20 |
|  | password | Password for User Login | VARCHAR | 32 |  | Y |  | Must be at least 6 characters but not longer than 8 |
|  | user\_type | To store the type of user accessing the website | CHAR | 2 | c, a, i, d | Y |  | c for completed profile  a for admin  i for incomplete user  d for disabled |
|  | email\_address | User’s email address | VARCHAR | 256 |  | Y |  | Must be a valid email address (to be verified before data storage) |
|  | first\_name | User’s first name | VARCHAR | 128 |  | Y |  | Must be a valid email address (to be verified before data storage) |
|  | last\_name | User’s last name | VARCHAR | 128 |  | Y |  | Must be a valid email address (to be verified before data storage) |
|  | enroll\_date | The date the user first registered on the site. | DATE | NA |  |  |  |  |
|  | last\_access | The last date the user has accessed the website | DATE | NA |  |  |  | This will be used to determine account availability and for ordering profiles to be displayed |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| profile | user\_id | Login ID For system users | VARCHAR | 20 |  | Y | FK | Will be used to reference the mi4u\_user table |
|  | dob | Used to store the users age | DATE |  |  | Y |  | Used to determine if user is of age to use the site (18+) |
|  | gender | Used to store the user’s gender | SMALLINT | 1 | 0, 1 | Y |  | 0 for male  1 for female |
|  | gender\_sought | Used to store the users’ desired gender | SMALLINT | 1 | 0, 1 | Y |  | 0 for male  1 for female |
|  | city | Used to store the user’s postal code | INT | 1 | 1-7 | Y |  | Used to determine user’s location for searches |
|  | images | User’s profile picture storage path | SMALLINT | 1 |  | Y |  | Will point to the storage path of the image for the site |
|  | headline | User’s mini description | VARCHAR | 100 |  | Y |  | Will store the users brief eye-catching description |
|  | self\_description | User’s brief description of themselves | VARCHAR | 1000 |  | Y |  | Used to describe the user on the profile page; pulled from descriptors table |
|  | match\_description | User’s brief description of match | VARCHAR | 1000 |  | Y |  |  |
|  | smoker | Used to store if user smokes | SMALLINT | 1 | 0, 1 | Y |  | 0 smoker  1 non-smoker |
|  | drinker | Used to store if user drinks | SMALLINT | 1 | 0, 1 | Y |  | 0 drinker  1 non-drinker |
|  | religion | Used to store user religion | SMALLINT | 1 |  | Y |  | Will be used to determine matches |
|  | education | Used to store user education level | SMALLINT | 1 | 1-9 | Y |  | 1 ‘Some high school’  2 ‘High school diploma’  3 Some college’  4 ‘Diploma’  5 ‘Some university’  6 ‘Bachelor’s Degree’  7 ‘Some post-graduate’  8 ‘Masters’  9 ‘PhD’ |
|  | body\_size | Used to store user’s body type | SMALLINT | 1 | 1-5 | Y |  | 1 ‘thin’  2 ‘athletic’  3 ‘normal’  4 ‘huggable’  5 ‘lots to love’ |
|  | height |  | SMALLINT | 1 |  | Y |  |  |
|  | relationship\_status | Used to store user current relationship status | SMALLINT | 1 | 1-5 | Y |  | 1 ‘single’  2 ‘divorced’  3 ‘widowed/widower’  4 ‘separated’  5 ‘other’ |
|  | have\_kids | Used to store if user has kids | SMALLINT | 1 | 0,1 | Y |  | 0 no kids  1 kids |
|  | want\_kids | Used to store if user wants kids | SMALLINT | 1 | 0, 1 | Y |  | 0 not want kids  1 wants kids |
|  | pets | Used to store if user prefers pets | SMALLINT | 1 | 0, 1 | 1 |  | 0 no pets  1 pets |
|  | entertainment | Used to store if user prefers to stay in | SMALLINT | 1 | 0, 1 | Y |  | 0 prefers to stay in  1 prefers to go out |
|  | tolerate\_smoking | Used to store if user would choose a smoker | SMALLINT | 1 | 0, 1 | Y |  | 0 won’t tolerate  1 will tolerate |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| city | id |  | SMALLINT | 1 | 0-7 |  |  | 0 ‘Not Selected’  1 ‘Yes’  2 ‘No’ |
|  | property |  | VARCHAR | 20 | ‘Prefer Not to Say’  ‘Yes’  ‘No’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| smoker | id |  | SMALLINT | 1 | 0-5 |  |  | 0 ‘Not Selected’  1 ‘Never’  2 ‘Socially’  3 ‘Once a Week’  4 ‘Few Times a Week’  5 ‘Daily’ |
|  | property |  | VARCHAR | 20 | ‘Not Selected’  ‘Never’  ‘Socially’  ‘Once a Week’  ‘Few Times a Week’  ‘Daily’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| drinker | id |  | SMALLINT | 1 | 0-5 |  |  | 0 ‘Not Selected’  1 ‘Never’  2 ‘Socially’  3 ‘Once a Week’  4 ‘Few Times a Week’  5 ‘Daily’ |
|  | property |  | VARCHAR | 20 | ‘Not Selected’  ‘Never’  ‘Socially’  ‘Once a Week’  ‘Few Times a Week’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| religions | id |  | SMALLINT | 1 | 0-12 |  |  | 0 ‘Not Selected’  1 ‘Christian Catholic’  2 ‘Christian Protestant’  3 ‘Christian Eastern Orthodox’  4 ‘Jewish’  5 ‘Muslim’  6 ‘Buddist’  7 ‘Hindu’  8 ‘Sikh’  9 ‘Chinese Traditional’  10 ‘Primal-Indigenous’  11 ‘Other’  12 ‘No Religious Affiliation’  13 ‘Prefer Not to Say’ |
|  | property |  | VARCHAR | 40 | ‘Prefer Not to Say’  ‘Christian Catholic’  ‘Christian Protestant’  ‘Christian Eastern Orthodox’  ‘Jewish’  ‘Muslim’  ‘Buddist’  ‘Hindu’  ‘Sikh’  ‘Chinese Traditional’  ‘Primal-Indigenous’  ‘No Religious Affiliation’  ‘Prefer Not to Say’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| education | id |  | SMALLINT | 1 | 0-7 |  |  | 0 ‘Not Selected’  1 ‘Doctorate’  2 ‘Masters’  3 ‘Bachelors’  4 ‘Associates’  5 ‘College Diploma’  6 ‘High School Diploma’  7 ‘Less Than High School Diploma’ |
|  | property |  | VARCHAR | 30 | ‘Not Selected’  ‘Doctorate’  ‘Masters’  ‘Bachelors’  ‘Associates’  ‘College Diploma’  ‘High School Diploma’  ‘Less Than High School Diploma’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| body\_size | id |  | SMALLINT | 0-5 |  |  |  | 0 ‘Not Selected’  1 ‘Skinny’  2 ‘Skinny-Average’  3 ‘Average’  4 ‘Average-Overweight’  5 ‘Overweight’ |
|  | property |  | VARCHAR |  | ‘Not Selected’  ‘Skinny’  ‘Skinny-Average’  ‘Average’  ‘Average-Overweight’  ‘Overweight’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| height | id |  | SMALLINT | 0-5 |  |  |  | 0 ‘Not Selected’  1 ‘Skinny’  2 ‘Skinny-Average’  3 ‘Average’  4 ‘Average-Overweight’  5 ‘Overweight’ |
|  | property |  | VARCHAR |  | ‘Not Selected’  ‘Shorter than 5’’5’  ‘5’’5’  ‘5’’6’  ‘5’’7’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| relationship | id |  | SMALLINT | 0-6 |  |  |  | 0 ‘Not Selected’  1 ‘Single’  2 ‘In a Relationship’  3 ‘Divorced’  4 ‘Separated’  5 ‘Widowed/Widower’  6 ‘Married’ |
|  | property |  | VARCHAR | 30 | ‘Not Selected’  ‘Single’  ‘In a Relationship’  ‘Divorced’  ‘Separated’  ‘Widowed/Widower’  ‘Married’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| havekids | id |  | SMALLINT | 1 | 0-2 |  |  | 0 ‘Not Selected’  1 ‘No Kids’  2 ‘1’  3 ‘2’  4 ‘2+’  5 ‘5+’  6 ‘7+’  7 ‘10+’ |
|  | property |  | VARCHAR | 20 | ‘Not Selected’  ‘No Kids’  ‘1’  ‘2’  ‘2+’  ‘5+’  ‘7+’  ‘10+’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| wantkids | id |  | SMALLINT | 1 | 0-2 |  |  | 0 ‘Prefer Not to Say’  1 ‘Yes’  2 ‘Maybe’  3 ‘No(more)’ |
|  | property |  | VARCHAR | 20 | ‘Prefer Not to Say’  ‘Yes’  ‘Maybe’  ‘No(more)’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| pets | id |  | SMALLINT | 1 | 0-2 |  |  | 0 ‘Not Selected’  1 ‘No Kids’  2 ‘1’  3 ‘2’  4 ‘2+’  5 ‘5+’  6 ‘7+’  7 ‘10+’ |
|  | property |  | VARCHAR | 20 | ‘Not Selected’  ‘No Kids’  ‘1’  ‘2’  ‘2+’  ‘5+’  ‘7+’  ‘10+’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| entertainment | id |  | SMALLINT | 1 | 0-2 |  |  | 0 ‘Not Selected’  1 ‘Relaxing’  2 ‘Partying’  3 ‘Seeing Shows’  4 ‘Physical Activity’  5 ‘Hard to Describe in a Few Words’ |
|  | property |  | VARCHAR | 20 | ‘Not Selected’  ‘Relaxing’  ‘Partying’  ‘Seeing Shows’  ‘Physical Activity’  ‘Hard to Describe in a Few Words’ |  |  |  |

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| Table  Name | Column  Name | Contents | Type | Length | Range/Values | Req'd | Key | Remarks |
| tolerate\_smoking | id |  | SMALLINT | 1 | 0-2 |  |  | 0 ‘Not Selected’  1 ‘Never’  2 ‘Socially’  3 ‘Once a Week’  4 ‘Few Times a Week’  5 ‘Daily’ |
|  | property |  | VARCHAR | 30 | ‘Not Selected’  ‘Never’  ‘Socially’  ‘Once a Week’  ‘Few Times a Week’ |  |  |  |