Primary Key

Secondary Key

UNF

User ID

First Name

Last Name

Hometown

Gender

Relationship Status

Current Town

Workplace

School/University

Friend ID

First Name

Last Name

Messages

Sender ID

Receiver ID

Date & Time

Text

# 1NF

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| --- |
| **Users** |
| User ID |
| First Name |
| Last Name |
| Hometown |
| Gender |
| Relationship Status |
| Current Town |
| Occupation ID |
| Workplace |
| School/University |

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| --- |
| **Friend** |
| Friend ID |
| User ID |
| First Name |
| Last Name |

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| --- |
| **Message** |
| Messages |
| User ID |
| Friend ID |
| Date & Time |
| Text |

# 2NF

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| **Users** |
| User ID |
| First Name |
| Last Name |
| Hometown |
| Gender |
| Relationship Status |
| Current Town |

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| **Occupation** |
| Occupation ID |
| Workplace |
| School/University |

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| --- |
| **Friend** |
| User ID |
| Friend ID |
| First Name |
| Last Name |

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| --- |
| **Message Content** |
| User ID |
| Friend ID |
| Date & Time |
| Text |

# 3NF

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| --- |
| **Users** |
| User ID |
| First Name |
| Last Name |
| Hometown |
| Gender |
| Relationship Status |
| Current Town |
| Occupation ID |

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| **Occupation** |
| Occupation ID |
| Workplace |
| School/University |

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| --- |
| **Friend** |
| Friend ID |
| User ID |
| First Name |
| Last Name |

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| --- |
| **Friendships** |
| User ID |
| Friend ID |

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| --- |
| **Message Content** |
| Friend ID |
| User ID |
| Date & Time |
| Text |

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| **Message Relationship** |
| User ID |
| Friend ID |