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| Use Case Identification and History | | | |
| **Use Case ID:** | UR-01 | | |
| **Use Case Name:** | Create Account | **Version No:** | 1 |
| **End Objective:** | To create a new user account. | | |
| **Created by:** | Matt Weber | **On (date):** | 3/6/17 |
| **Actors:** | User | | |
| **Frequency of Use:** | Once for every new user. | | |

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| Preconditions |
| Database with table of Accounts is available. |
| Post-conditions |
| A new account is added to the database and user has access to ride swap system. |

| **Basic Flow** | | |
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| **Step** | **User Actions** | **System Actions** |
| **1** | User enters email and password. |  |
| **2** | User clicks Join button. | Model confirms valid email address entered. |
| **3** |  | Database checks if account exists, creates new account. |
| **4** |  | View is updated to default account view. |

| Alternate Flow | | |
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| **Step** | **User Actions** | **System Actions** |
| **1** | User enters email and password. |  |
| **2** | User clicks Join button. | Model confirms valid email address entered. |
| **3** |  | Database checks if account exists, finds existing account. |
| **4** |  | View is updated with ‘Account Exists’ message. |

| Exception Flow | | |
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| **Step** | **User Actions** | **System Actions** |
| 1 | User enters email and password. |  |
| 2 | User clicks Join button. | Model catches invalid email entered. |
| 3 |  | View is updated with ‘Invalid Email’ message. |

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| Other Notes (Assumptions, Issues,) |
| 1. None |