# 1. Create Account

## Feature Process Flow / Use Case Model

## Use Case

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| **Use Case ID:** | 4.1.14 | | | |
| **Use Case Name:** | Create Account | | | |
| **Created By:** | Dani Russo | | **Last Updated By:** | 9/18/2018 |
| **Date Created:** | 9\10\2018 | | **Last Revision Date:** |  |
| **Actors:** | | Primary: Customer  Other: Database | | |
| **Description:** | | Customer creates new account online | | |
| **Trigger:** | | The user selects “create account” | | |
| **Preconditions:** | | 1. The Customer is not logged in | | |
| **Postconditions:** | | Successful End Condition   1. The Customer has successfully created an online account 2. The Customer is logged in   Failed End Condition  1. No new account has been created | | |
| **Normal Flow:** | | 1. The Customer selects “Create Account” and submits 2. The Program requests a email address 3. The Customer enters email address and submits 4. The Program requests from the Database a Customer record matching the email provided 5. The Database confirms there is no matching email address 6. The Programs requests a password 7. The Customer enters password and submits 8. The Program confirms password meets pre-set criteria 9. The Program requests password confirmation 10. The Customer re-enters password and submits 11. The Program recognizes that both entries match 12. The Program submits email and password to the Data Store 13. The Program displays the Customer functionality options | | |
| **Alternative Flows:** | | 4a. In NF Step 5, the Database returns a matching email   1. The Program displays an error message 2. The User acknowledges the error 3. The Program returns to NF Step 1     8a. In NF Step 8, the Customer has entered a password that does not meet password criteria   1. The Program displays an error message 2. The Customer acknowledges error 3. The Program returns to NF Step 6       10a. The Program recognizes that the passwords do not match   1. The Program displays an error message 2. The Customer acknowledges the error 3. The Program returns to NF Step 6 | | |
| **Exceptions:** | | N/A | | |
| **Includes:** | | N/A | | |
| **Frequency of Use:** | | On demand | | |
| **Special Requirements:** | | N/A | | |
| **Assumptions:** | | 1. The email address is used as a username for login | | |
| **Notes and Issues:** | | 1. Does the Program send a confirmation email?  2. What is password criteria? | | |