## User Stories

| User Story # |  | Persona | User Story | Acceptance Criteria |
| --- | --- | --- | --- | --- |
| 001 |  | Parent | As a woman, I want to check if a medication is harmful during pregnancy or nursing. | * I can input a medication name (brand or generic) * I can scan a bar code for a medication * I can indicate that I want to look for pregnancy and nursing warnings * I can see any warnings for the medication |
| 002 |  | Parent | As a parent, I want to check if a medication is harmful to my child based on age. | * I can input a medication name (brand or generic) * I can scan a bar code for a medication * I can indicate select my child's age range * I can see any warnings for the medication |
| 003 |  | Patient | As a person with allergies, I want to check if a medication contains ingredients that I am allergic to. | * I can input a medication name (brand or generic) * I can scan a bar code for a medication * I can enter in allergy keywords * I can see any warnings for the medication |
| 004 |  | Parent | As a pregnant woman with allergies, I want to check if a medication will cause adverse effects | * I can input a medication name (brand or generic) * I can scan a bar code for a medication * I can indicate that I want to look for pregnancy and nursing warnings * I can enter in allergy keywords * I can see any warnings for the medication |
| 005 |  | Patient | As a person who regularly purchases medications for myself, I want to save a profile to check for adverse effects | * I can create an account * I can save any allergy keywords * I can save my pregnancy/nursing status * I can log in at any time to view or update profile information |
| 006 |  | Parent | As a person who regularly purchases medications for myself and family members, I want to save a profile with everyone's allergies and age to check for adverse effects. | * I can create multiple profiles within my account * I can save allergy keywords for reach profile * I can save age ranges for each profile * I can save pregnancy/nursing statuses for each profile * I can log in at any time to view or update profile information |
| 007 |  | Parent &  Patient | As a person with a saved profile, I want to check a medication against my stored profile information. | * I can input a medication name (brand or generic). * I can scan a bar code for a medication. * I can see any warnings for the medication for each saved profile. |
| 009 |  | All | As a person with multiple profiles, I want to remove one of the profiles | * I can remove a selected profile |
| 010 |  | All | As a user, I want to provide feedback on the application | * I can submit comments * I can post to GitHub |
| 011 |  | Medical Professional | As a medical professional, I want to check a medication for allergy reactions | * I can input a medication name (brand or generic). * I can scan a bar code for a medication. * I can indicate that I want to look for pregnancy and nursing warnings. * I can designate an age range. * I can enter in allergy keywords. * I can see any warnings for the medication. |
| 014 |  | Admin | As a site administrator, I can delete an unused account. | * Account is removed. |
| 016 |  | All | As a user, I need help in using the application | * I can view FAQs. * I can view site help. * I can view web based video. |
| 017 |  | All | As a user, I want to view the policies and legal information for the site. | * I can view the privacy policy. * I can view the terms of use. * I can view the security information. |

## Backlog User Stories

|  |  |  |  |
| --- | --- | --- | --- |
| User Story # | Persona | User Story | Acceptance Criteria |
| 008 | All | As a person with a profile, I have forgotten my password | * I can reset my password using my email address. |
| 012 | All | As a user, I want to share this search results on social media (Twitter, Facebook) | * I can post drug warnings on Twitter. * I can post drug warnings on Facebook. |
| 013 | All | As a user, I want to download the drug data set | * I can download the dataset from GitHub. |
| 015 | Admin | As a site administrator, I can reset a user's password | * User password is reset. |
| 018 | All | As a user, I can look for warnings on similar drugs | * I can search for similar products to the entered medication. * I can see warnings for similar products. |
| 019 | All | As a medical professional, I can check for warnings when taking a combination of medications | * I can enter in multiple medications. * I can see warnings from all entered medications. |

## MedCheck Test Cases

Text

### Online Allergy Check

|  |  |
| --- | --- |
| **Purpose** | To run a check against a medication using the Brand or Generic drug name to see if the drug contains any active or inactive ingredients that are designated as allergens. |
| **Scenario** | A Patient has the name of a medication and wants to ensure that usage will not result in an allergic reaction. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone).  User has the brand or generic name of a drug they want to check against. |
| **Post-Conditions** | User is informed if the drug contains the input ingredients. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **STEP** | **ACTION** | | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | | MedCheck landing page appears |  |
| 2 | * Enter in a medication name. * Input one or more ingredients into the allergens field. * Select the option to conduct a search. | | * Ingredient Found: see a message that one or more input ingredients were found in the entered medication. * Ingredient Not Found: See a message that the input ingredients were not found in the entered medication. |  |
| **Comments** | |  | | |

### Age Warnings

|  |  |
| --- | --- |
| **Purpose** | To run a check against a medication using the Brand or Generic drug name to see if there are any warnings based on a selected age group . |
| **Scenario** | A Parent has the name of a medication and wants to ensure that the drug is safe for the intended person’s age group. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone).  User has the brand or generic name of a drug they want to check against. |
| **Post-Conditions** | User is informed if the drug contains any warnings for the selected age group. |
|  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | * Enter in a medication name * Select one or more age groups * Select the option to conduct a search | * Warning Found: see a message that there is a warning for the selected age range * Warning Not Found: See a message that the medication is safe for the designated age group |  |
| **Comments** |  | | |

### Pregnancy / Nursing Warnings

|  |  |
| --- | --- |
| **Purpose** | To run a check against a medication using the Brand or Generic drug name to see if there are any warnings for Pregnant or Nursing women . |
| **Scenario** | A Mother has the name of a medication and wants to ensure that the drug is safe for use while pregnant or nursing. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone).  User has the brand or generic name of a drug they want to check against. |
| **Post-Conditions** | User is informed if the drug contains any warnings for pregnant or nursing women. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | * Enter in a medication name * Select option to check for Pregnant or Nursing warnings * Select the option to conduct a search | * Warning Found: see a message that there is a warning for usage by pregnant/nursing women * Warning Not Found: See a message that the medication is safe for use by pregnant/nursing women |  |
| **Comments** |  | | |

### Multiple Criteria Warnings

|  |  |
| --- | --- |
| **Purposes** | To run a check against a medication using the Brand or Generic drug name to see if there are any warnings (allergy, age, pregnancy). |
| **Scenario** | A patient has the name of a medication and wants to ensure that the drug is safe for use. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone).  User has the brand or generic name of a drug they want to check against. |
| **Post-Conditions** | User is informed if the drug contains any warnings . |

| STEP | ACTION | EXPECTED / ACTUAL RESULT & COMMENT | P/F |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | * Enter in a medication name * Enter one or more parameters to check: * Allergens * Age Group * Pregnant/Nursing * Select the option to conduct a search | * Allergens: Ingredient found warning or not found message * Age Range: Not recommended or Safe for selected age groups * Pregnant/Nursing; Warning found or safe for expectant/nursing mothers message |  |
| **Comments** |  | | |

### Barcode Scan for Medication Name

|  |  |
| --- | --- |
| **Purpose** | To run a check against a medication using the UPC code to see if there are any warnings (allergy, age, pregnancy) . |
| **Scenario** | A patient has a UPC Code to scan to ensure that the drug is safe for use. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device with a camera (tablet, smart phone).  User has the UPC code hey want to check against. |
| **Post-Conditions** | User is informed if the drug contains any warnings the selected parameters. |

| STEP | ACTION | EXPECTED / ACTUAL RESULT & COMMENT | P/F |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site using Firefox, Chrome or Android OS:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select option to scan a barcode | Launch Camera function |  |
| 3 | Take a picture of the barcode | Display the scanned UPC from the barcode | Backlog |
| 4 | * Enter in one or more parameters to check: * Allergens * Age Group * Pregnant/Nursing * Select the option to conduct a search | * Allergens: Ingredient found warning or not found message * Age Range: Not recommended or Safe for selected age groups * Pregnant/Nursing; Warning found or safe for expectant/nursing mothers message |  |
| **Comments** |  | | |

## 

### Save Search Criteria as a profile

|  |  |
| --- | --- |
| **Purpose** | To save a set of allergens, age ranges or pregnancy/nursing settings to use in future searches. |
| **Scenario** | An individual regularly purchases medications and wants to save their criteria to more quickly search future medications based on saved parameters. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone). |
| **Post-Conditions** | User saves a profile for future use. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | * Enter one or more parameters to check: * Allergens * Age Group * Pregnant/Nursing * Select the option to save your choices | Display registration options (Email, Social Media) |  |
| 3 | Select option to save search Criteria by registering | Display registration page |  |
| 4 | Enter name, email, password and sign-up | Account is created, MedCheck home page is displayed |  |
| 5 | Go to My Profiles | Display Profiles page |  |
|  | Input Profile information:   * Name * Gender * Age   Save profile | Create profile and display allergen list with previously entered allergens |  |
| **Comments** |  | | |

### Create a Profile

|  |  |
| --- | --- |
| **Purpose** | To save a set of allergens, age ranges or pregnancy/nursing settings to use in future searches. |
| **Scenario** | An individual regularly purchases medications and wants to create a profile to more quickly search future medications based on saved parameters. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone). |
| **Post-Conditions** | User saves a profile for future use. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select Sign up option | Sign up page appears |  |
| 3 | Input name, email and password, then click the sign up option | System creates an account and displays the home page |  |
| 4 | Select option to register with a social media account (Twitter, Facebook, Google) | Social Media login appears |  |
| 5 | Log into the social media site | External process to complete signup |  |
| **Comments** |  | | |

## 

### Create an Additional Profile

|  |  |
| --- | --- |
| **Purpose** | To save an additional set of allergens, age ranges or pregnancy/nursing settings to use in future searches. |
| **Scenario** | A user with an existing account creates an additional profile for another family member to check for warnings. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone). |
| **Post-Conditions** | User saves an additional profile for future use. |

| STEP | ACTION | EXPECTED / ACTUAL RESULT & COMMENT | P/F |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select option to log into your account | Account Login screen appears |  |
| 3 | Enter email address and password and login | Home page appears |  |
| 4 | Select My Profiles option | Profile page appears |  |
| 5 | Select option to create an additional profile | New profile options appear |  |
| 6 | Enter parameters and profile name and save the profile | New profile is added to the account |  |
| 7 | Enter allergens | Allergen information is saved with the profile |  |
| **Comments** |  | | |

## 

### Search against saved profiles

|  |  |
| --- | --- |
| **Purpose** | Check a medication against saved profiles for warnings. |
| **Scenario** | A user with one or more saved profiles runs a search against a drug. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone)  User has an account with at least 2 profiles. |
| **Post-Conditions** | Warnings are displayed. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select option to log into your account | Account Login screen appears |  |
| 3 | Enter email address and password and login | Profile page appears |  |
| 4 | * Enter a medication name or scan the barcode * Select Search option | Display warning messages for each saved profile |  |
| **Comments** |  | | |

### Share results on Social Media (Backlog)

|  |  |
| --- | --- |
| **Purpose** | Post warning results for a medication to social media |
| **Scenario** | A user wants to share their findings on social media |
| **Actors** | Patient, Parent, Medical Professional |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone)  User has a social media account (Facebook, Twitter) |
| **Post-Conditions** | Findings are shared |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears. |  |
| 2 | * Enter in a medication name * Enter one or more parameters to check: * Allergens * Age Group * Pregnant/Nursing * Select the option to conduct a search | * Allergens: Ingredient found warning or not found message * Age Range: Not recommended or Safe for selected age groups * Pregnant/Nursing; Warning found or safe for expectant/nursing mothers message |  |
| 3 | Select option to share with Twitter or Facebook. | Post message to selected site with medication name and findings. |  |
| **Comments** |  | | |

### Provide Feedback

|  |  |
| --- | --- |
| **Purpose** | Provide feedback on usability, issues or functionality of the MedCheck application. |
| **Scenario** | A user wants to provide feedback. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone).  User  User has used the MedCheck application. |
| **Post-Conditions** | Feedback has been provided. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears. |  |
| 2 | Select the Application Feedback option | Display feedback information screen. |  |
| 3 | Connect to MedCheck GitHub site | Re-direct user to GitHub page for MedCheck application. |  |
| **Comments** |  | | |

### Application Help

|  |  |
| --- | --- |
| **Purpose** | Get help while using the MedCheck application. |
| **Scenario** | A user needs help while using the application. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone). |
| **Post-Conditions** | User has accessed help information. |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select the Help option | The Help page displays |  |
| 3 | Select option to view the FAQ information | Display the FAQ page |  |
| 4 | Return to the Help screen | The Help page displays |  |
| 5 | * Submit a help request: * Select topic * Enter question/comments * Upload a file (optional) * Enter email address * Submit request | A confirmation message is displayed your request is being processed |  |
| **Comments** |  | | |

### Forgot Password (backlog)

|  |  |
| --- | --- |
| **Purpose** | Providing users with a way to reset their passwords. |
| **Scenario** | A user with an account forgets their password. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | * User has an internet enabled device (computer, tablet, smart phone). * User has an account. |
| **Post-Conditions** | Password is reset |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select Log In option | Login page displays |  |
| 3 | Select forgot Password option | Password reset page displays |  |
| 4 | User enters email address and selects forgot password option | System emails a link with a reset password link |  |
| 5 | User opens password reset link | Password reset page displays |  |
| 6 | User enters a new password and saves | New password is stored |  |
| **Comments** |  | | |

### View Policy Information

|  |  |
| --- | --- |
| **Purpose** | Users need a way to view the policy information for the application, including terms, privacy and security information. |
| **Scenario** | A user wants to view policy information. |
| **Actors** | Patient, Parent, Medical Professional. |
| **Pre-Conditions** | User has an internet enabled device (computer, tablet, smart phone) |
| **Post-Conditions** | Policy information is viewed |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Navigate to the MedCheck site:  http://medcheck.rememberthetrash.com | MedCheck landing page appears |  |
| 2 | Select Terms option | Application Terms are displayed |  |
| 3 | Select Privacy option | Application Privacy policy is displayed |  |
| 4 | Select Security option | Application Security policy is displayed |  |
| **Comments** |  | | |

### Admin – Delete Account

|  |  |
| --- | --- |
| **Purpose** | System administrators need a way to delete an account and associated profiles when requested by the end user |
| **Scenario** | A user requests that their account be removed |
| **Actors** | Admin |
| **Pre-Conditions** | There is an account for the requesting user  User has submitted a help ticket to have their account removed |
| **Post-Conditions** | The requested account is removed |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Log in as Admin user using ([admin@admin.com](mailto:admin@admin.com) / admin)  http://medcheck.rememberthetrash.com | MedCheck landing page appears with Admin option |  |
| 2 | Select Admin option | Admin Page displays |  |
| 3 | Select option to delete an account | Account Removed |  |
| **Comments** |  | | |

### Admin – Reset password (Backlog)

|  |  |
| --- | --- |
| **Purpose** | System administrators need to be able to reset passwords for user accounts. |
| **Scenario** | A user requests that their password be reset. |
| **Actors** | Admin |
| **Pre-Conditions** | There is an account for the requesting user.  User has submitted a help ticket to have their password reset. |
| **Post-Conditions** | An email is generated to the user to reset their password |

| **STEP** | **ACTION** | **EXPECTED / ACTUAL RESULT & COMMENT** | **P/F** |
| --- | --- | --- | --- |
| 1 | Log into the MedCheck site as Admin user ([admin@admin.com](mailto:admin@admin.com) / admin)  http://medcheck.rememberthetrash.com | MedCheck home page appears with Admin option |  |
| 2 | Select Admin option | Admin screen appears |  |
| 3 | Locate the Account to be updated and select option to reset the password | An email is generated to the user with password reset instructions |  |
| **Comments** |  | | |