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|  | MedCheck  Test Cases    Version 1.0  logo_colors |

Table of Contents

[1.0 Test Setup 1](#_Toc422723772)

[2.0 MedCheck Test Cases 2](#_Toc422723773)

[*2.1* *Online Allergy Check* 2](#_Toc422723774)

[*2.2* *Age Warnings* 2](#_Toc422723775)

[*2.3* *Pregnancy / Nursing Warnings* 3](#_Toc422723776)

[*2.4* *Multiple Criteria Warnings* 4](#_Toc422723777)

[*2.5* *Barcode Scan for Medication Name* 4](#_Toc422723778)

[*2.6* *Save Search Criteria as a profile (New Account)* 5](#_Toc422723779)

[*2.7* *Create an Additional Profile* 6](#_Toc422723780)

[*2.8* *Search against multiple Profiles* 7](#_Toc422723781)

[*2.9* *Share results on Social Media* 7](#_Toc422723782)

[*2.10* *Provide Feedback* 8](#_Toc422723783)

[*2.11* *Application Help* 9](#_Toc422723784)

[*2.12* *Forgot Password* 10](#_Toc422723785)

[*2.13* *Admin – Delete Account* 10](#_Toc422723786)

[*2.14* *Admin – Reset password* 11](#_Toc422723787)

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# Test Setup

To facilitate the testing effort, we have compiled a set of medications contained within the FDA Drug Dataset for search purposes.

# MedCheck Test Cases

## 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: | | MedCheck landing page appears | P |
| 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 | P |
| **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: | | MedCheck landing page appears | P |
| 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 | P |
| **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: | | MedCheck landing page appears | P |
| 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 | P |
| **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: | | MedCheck landing page appears | P |
| 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 | P |
| **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: | | 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 |  |
| 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** | | Not yet available | | |

## Save Search Criteria as a profile (New Account)

|  |  |
| --- | --- |
| 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: | | MedCheck landing page appears | P |
| 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) | P |
| 3 | Select option to register with an email address | | Option to enter email address and create password option appears |  |
| 4 | Select option to register with a social media account (Twitter, Facebook, Google0 | | Option to register with an existing account appears |  |
| 5 | Enter credentials  Enter a name for the profile  Select option to create account | | The my account page is displayed with the saved profile information |  |
| **Comments** | | Not Available | | |

## 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: | | MedCheck landing page appears | P |
| 2 | Select option to log into your account | | Account Login screen appears | P |
| 3 | Enter email address and password and login | | Home page appears | p |
|  | Select My Profiles option | | Profile page appears |  |
| 4 | Select option to create an additional profile | | New profile options appear | p |
| 5 | Enter parameters and profile name and save the profile | | New profile is added to the account | p |
| 6 | Enter allergens | | Allergen information is saved | p |
| **Comments** | |  | | |

## Search against multiple Profiles

|  |  |
| --- | --- |
| Purpose | Check a medication against multiple profiles for warnings |
| Scenario | A user with multiple 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: | | 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 the profiles to include  Select option to search for warnings | | Display warning messages for each selected profile |  |
| 5 |  | |  |  |
| **Comments** | | Not yet Available | | |

## Share results on Social Media

|  |  |
| --- | --- |
| 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: | | 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** | | Not yet Available | | |

## 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: | | MedCheck landing page appears | P |
| 2 | Select the Application Feedback option | | Display feedback information screen | P |
| 3 | Connect to MedCheck GitHub site | | Re-direct user to GitHub page for MedCheck application | P |
| **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: | | MedCheck landing page appears | P |
| 2 | Select the Help option | | The Help page displays | P |
| 3 | Select option to view the FAQ information | | Display the FAQ page | N/A |
| 4 | Return to the Help screen | | The Help page displays | N/A |
| 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 | Partial |
| **Comments** | | Page is available, FAQ, Twitter and Submission are future enhancements not available in prototype | | |

## Forgot Password

|  |  |
| --- | --- |
| 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: | | MedCheck landing page appears | P |
| 2 | Select Log In option | | Login page displays | P |
| 3 | Select forgot Password option | | Password reset page displays | NA |
| 4 | User enters email address and selects Forgot password option | | System emails a link with a reset password link | NA |
| 5 | User opens password reset link | | Password reset page displays | NA |
| 6 | User enters a new password and saves | | New password is stored | NA |
| **Comments** | | Future Enhancement | | |

## 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: | | MedCheck landing page appears | P |
| 2 | Select Terms option | | Application Terms are displayed | P |
| 3 | Select Privacy option | | Application Privacy policy is displayed | P |
| 4 | Select Security option | | Application Security policy is displayed | P |
| **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 into the Admin site | | MedCheck Admin site screen displays |  |
| 2 | Search for an account using the individual’s email address | | Account is found for the email address |  |
| 3 | Select option to delete the account | | Confirmation message appears |  |
| 4 | Confirm the Action | | Account is removed and updated account list is displayed |  |
| **Comments** | |  | | |

## Admin – Reset password

|  |  |
| --- | --- |
| 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 Admin site | | MedCheck Admin site screen displays |  |
| 2 | Search for an account using the individual’s email address | | Account is found for the email address |  |
| 3 | Select option to reset the password | | An email is generated to the user with password reset instructions |  |
| **Comments** | |  | | |