

For the User

MedChecker is here to help users by providing information about the warnings and interactions between the drugs they or someone they are caring for are taking.

Main Menu

The Main menu of the app contains buttons to navigate to the List page, Chart page, and this About page.

If the user navigates to the Chart page in this manner before any medications have been added to the List page, the Chart page will have no data and thus display no chart.

List Page

Upon first entering the app the user is presented with the ability to add the drugs they are taking or wish to compare. Drugs can be found by searching the generic name (i.e. aspirin), the brand name (i.e. Aspirin), or the manufacturer name (i.e. Cardinal Health). The user can add up to ten medications to the list. Each new medication will be added to the top of the list, thus displaying the medications in what ever order they were added.

Once any medications have been added to the list the action button will become available, displaying a chart icon, to create the chart of the drug warnings and interactions. See the “Chart Page” description below for further details on that page.

If the user needs to remove a medication from the list, he/ she will need to check the boxes of the medications on the list, which will make the action button available as a delete button, displaying a trashcan icon. The user will tap the trashcan and the checked medications will disappear from the list.

The user can reach the label page of the app by touching the name of any of the medications added to their list. See the “Label Page” description below for further details on that page.

Label Page

The Medication Label page displays the full-length details that are present on bottle labels as well as the information a pharmacy attaches to a prescription upon receipt. This includes the brand name, warnings, generic name, and manufacturer name.

From the Label page the action button will present the ability to return where-ever the user came from.

- If the user just finished creating their medications list, then tapped one of the names to see that medication's drug label, the action button will display the list icon and return the user to the List Page.
- If a user was looking at the Chart Page and double tapped one of the medication names to see the corresponding label, the action button on the Label Page will display the chart icon, thus returning them to the Chart Page when tapped.

Chart Page

The Chart page displays the list of medications on the left, the list of warnings on the right, and the graphing lines between the elements in the middle. When the page is first opened the medication at the top of the list is selected by default, showing the user which warnings, of the ones listed, are related to that medication.

Users will notice the colors next to the drug name are occasionally different widths. This is an indication of how many warnings the drug is associated with. If all the drugs are associated with the same number of warnings, then the color swatch pieces will all be of a similar size. But if two drugs are present on the table, one is associated with only one warning, and the other is associated with two, the color swatch next to the second drug will be two times as tall as the color swatch on the first drug.

If a drug is selected on the table:

Tapping once on the drug name or color swatch will adjust the chart to show *all* drugs with lines drawn to their corresponding warnings.

If no drug in the table is selected:

Clicking on the drug and/ or color swatch once will select that drug in the table and change the corresponding lines to highlight which warnings are associated with that drug.

Clicking on the drug and/ or color swatch twice will take the user to the Label Page, displaying the full label detail information about that drug.

The Chart page's action button is always available to take the user back to the List page where they can edit the medications present on their graph.