

Drug Adverse Event Browser

Medium-Fidelity Wireframes

Prepared by: Aquilent
Version: 1.1
Date: 06.22.2015

Durg Adverse Event Browser

Version 1.0

Contents

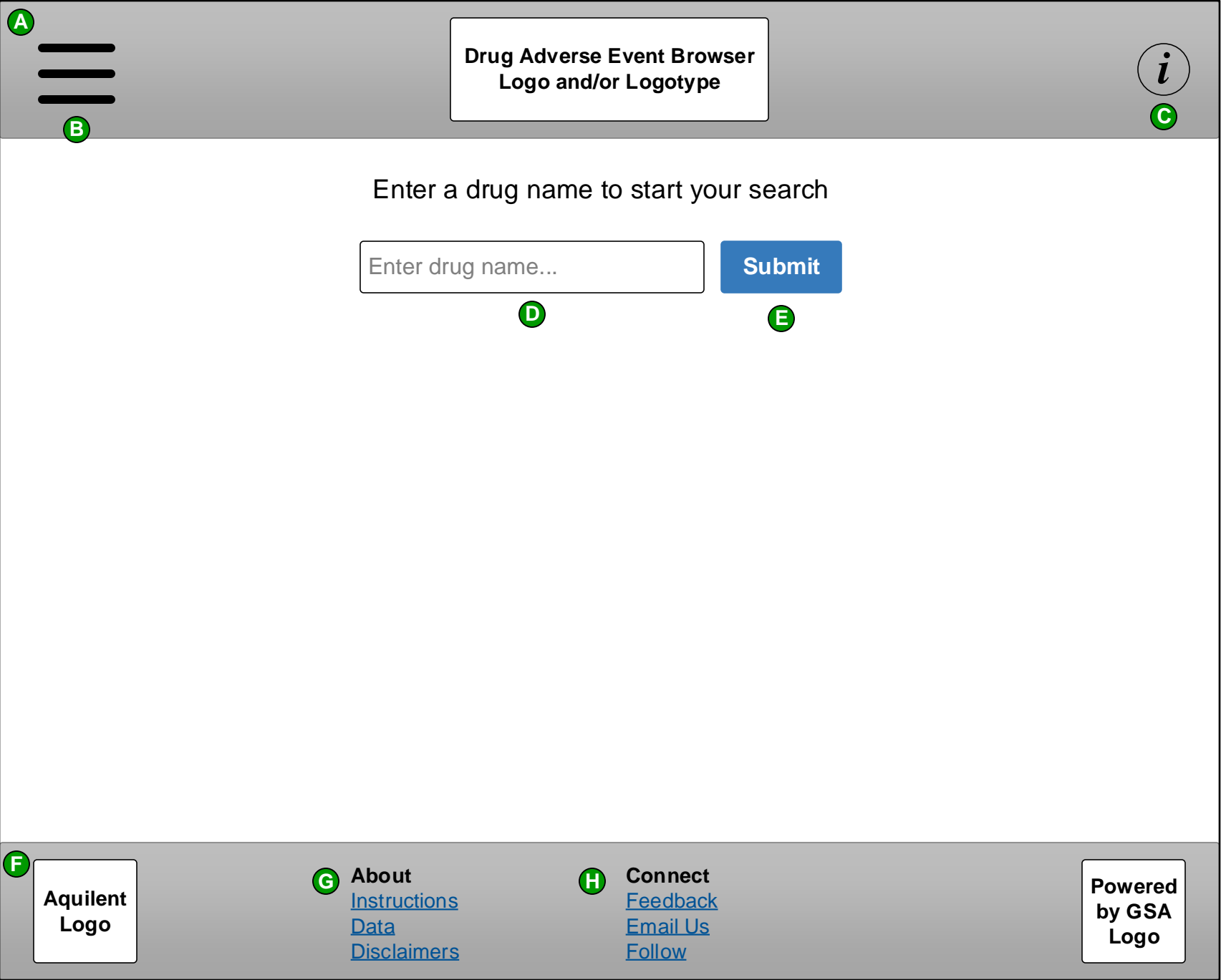
- Default Browser View (+ Header/Footer)
- Drug Search Results
- Interaction Detail
- Reaction Detail

Revision History

- V1.0, Initial translation and expansion of low-fidelity wireframes: default/ search page, drug search results page, and reaction detail page
- V1.1, Added Interaction Detail wire, updates to Drug Search Results and Reaction Detail wires

Default Browser View (+ Header/Footer)

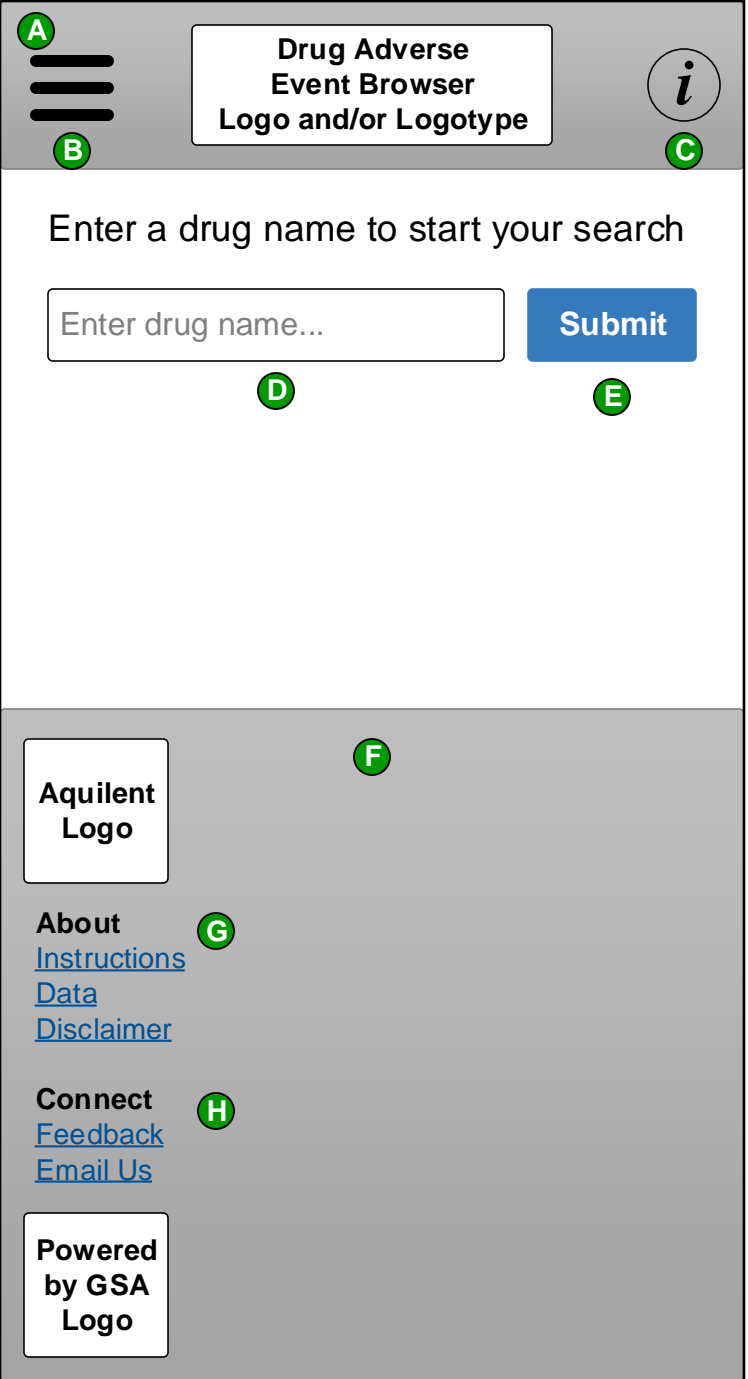
Desktop/Tablet



Annotations

- A Global header.** Contains primary navigation, browser logo/logotype, and information icon.
- B Primary navigation.** Utilizes 'hamburger' approach for all screen sizes for consistency, to promote clean design and ample whitespace, and to leverage growing recognition of 'hamburger'.
- C Information icon.** For initial iteration will point to static Instructions page. Eventually, individual field- or and data element-specific instructions/ explanations could display in a tool tip or similar.
- D Drug free-text entry field.** Ghost text provides instruction, "Enter drug name...". Upon selecting field and entering a drug name, ghost text disappears and entered content displays in default text color (black). Note: autofill capability to provide search query recommendations. Recommendations should be listed in gray (ghost text) or similar fashion to differentiate from user-entered text.
- E Submit (or Search) button.** Executes search query.
- F Global footer.** Contains developer and GSA logos, about links, and connect links.
- G About.** Clustered links relating to usage, data set and usage, disclaimers and any other compliance links.
- H Connect.** Clustered links for feedback, email, and any other contact information. For first iteration may be necessary to list email only (as a mailto link, not a web-based email form).

Smartphone



Drug Search Results

Desktop/Tablet

Drug Adverse Event Browser
Logo and/or Logotype

i

Enter a drug name to start your search

Keppra

Submit

B

Keppra (levetiracetam) Drug Interactions

C

A total of 94 drug interactions have been reported involving 982 drugs (6070 brand and generic names).
Displaying top 10.

Reaction

Count

Convulsion	9
Tremor	5
Feeling abnormal	5
Fatigue	3
Respiratory failure	3
Abnormal behavior	2
Cardiac failure	2
Diarrhoea	2
Drug ineffective	2
Headache	2

I

Show All Results

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Annotations

- A

Drug free-text entry field. Search criteria replaces instructional ghost text and displays in default text color (black); persists until a new search or browser refresh.
- B

Drug name/link. Search results title: "STANDARDIZED DRUG NAME Drug Interactions". Drug name links to Drug Detail page.
- C

Drug interaction introduction. Narrative summary of interactions for searched drug. Includes total number of reactions identified (including duplicates) as well as the number of associated drugs (listing number of associated brand and generic names drugs).
- D

Reaction column/column header. Default sort is by Count, and then by Reaction within a given count (e.g. 5 or 3 or 2). Selecting the "Reaction" column header/label resorts the table alphanumerically by reaction. Displays 10 reactions by default.
- E

Count column/column header. Default sort column from largest to smallest number of reported reactions. For each count reactions are listed alphanumerically.
- F

Interaction name/link. Standardized name for each reaction linked to the (drug) Reaction Detail page.
- G

Reaction count. Indicates the number of occurrences of a particular reaction for a specific drug. Results table defaults to sort by count, then by Reaction within a given count.
- H

Alphanumeric listing within a count. For each count individual reactions are alphabetized for easier scanning and selection.
- I

Show all results button. Loads remainder of results; up to 100.

Smartphone

Drug Adverse
Event Browser
Logo and/or Logotype

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Keppra (levetiracetam) Drug Interactions

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Show All Results

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Interaction Detail

Desktop/Tablet

Drug Adverse Event Browser
Logo and/or Logotype

i

A

Enter a drug name to start your search

B

Keppra

Submit

C

Keppra (levetiracetam) Drug Interactions:

D

Convulsion (9 interactions reported)

Back to Full List

E

Interaction Outcomes

F

Interaction Outcomes	Count	G
Unknown	7	I
Not recovered/not resolved	2	
Recovered/resolved	1	

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Annotations

- A

Drug search.

Drug search remains to allow user to perform additional searches.
- B

Drug search field.

Drug search field indicating active search criteria remains to place drug interactions screen in context.
- C

Drug name/link.

Drug name links to Drug Detail page and places specific drug interaction (in this case insomnia) in context.
- D

Interaction name.

Name of interaction selected from Drug Search Results screen with reported interactions listed.
- E

Back to Full List link.

CTA to return user to original drug search results screen for query.
- F

Interaction Outcomes column/column header.

Lists the up to 6 interaction outcomes (see below). Sorted by count from largest to smallest number in order to list the most common, and therefore most likely relevant outcomes first. No column sort required.
- G

Count column/column header.

Default sort column from largest to smallest number of reported interactions involving a given drug. No column sort required.
- H

Interaction Outcomes.

Six possible: 1 Recovered/resolved, 2 Recovering/resolving, 3 Not recovered/not resolved, 4 Recovered/resolved with sequelae, 5 Fatal, 6 Unknown. Display no rows with a zero count.
- I

Interaction count.

Indicates the number of reported outcomes for a given interaction. Results table defaults to sort by count from largest to smallest number in order to list the most common, and therefore most likely relevant, potential interaction outcomes first.

Smartphone

Drug Adverse
Event Browser
Logo and/or Logotype

i

A

Enter a drug name to start your search

B

Keppra

Submit

C

Keppra (levetiracetam) Drug Interactions:

D

Insomnia

Back to Full List

E

Taken With

F

Taken With	Count	G
Benzodiazepine [EPC]	2	I
Clobazam	2	
Levetiracetam	2	
Prozac / Prozac Weekly	1	J
Carbamazepine	1	
Fluoxetine Hydrochloride [EPC]	1	
Klonopin	1	
Lamotrigine	1	
Midazolam Hydrochloride	1	
Topiramate	1	
Zonisamide	1	

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Reaction Detail

Desktop/Tablet

Drug Adverse Event Browser
Logo and/or Logotype

i

A

Enter a drug name to start your search

Keppra

B

Submit

C

Keppra (levetiracetam) Drug Interactions:

D

Insomnia

A total of 2 drug interactions have been reported involving 11 drugs (brand and generic names). Displaying top 10.

Back to Full List

E

Taken With

F

	Count <div>G</div>
Benzodiazepine [EPC] <div>H</div>	2 <div>I</div>
Clobazam	2
Levetiracetam	2
Prozac / Prozac Weekly <div>J</div>	1
Carbamazepine	1
Fluoxetine Hydrochloride [EPC]	1
Klonopin	1
Lamotrigine	1
Midazolam Hydrochloride	1
Topiramate	1

K

Show All Results

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Annotations

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Drug search.

Drug search remains to allow user to perform additional searches.

B

Drug search field.

Drug search field indicating active search criteria remains to place drug interactions screen in context.

C

Drug name/link.

Drug name links to Drug Detail page and places specific drug interaction (in this case insomnia) in context.

D

Interaction name.

Name of interaction selected from Drug Search Results screen.

E

Back to Full List link.

CTA to return user to original drug search results screen for query.

F

Taken With column/column header.

Default sort is by Count, and then by drug within a given count (e.g. 2 or 1). Selecting the "Taken With" column header/label resorts the table alphanumerically.

G

Count column/column header.

Default sort column from largest to smallest number of reported interactions for a given drug. Alphanumeric listing by count.

H

Drug name/link.

Drug name links to Drug Detail page.

I

Interaction count.

Indicates the number of possible interactions for a specific drug. Results table defaults to sort by count (then by Taken With within a given count) in order to list the most common, and therefore most likely relevant, potential interactions first.

J

Alphanumeric listing within a count.

For each count, individual drugs are alphabetized for easier scanning and selection.

K

Show all results button.

Loads remainder of results; up to 100.

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Keppra

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Insomnia

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Back to Full List

E

Taken With

F

	Count <div>G</div>
Benzodiazepine [EPC] <div>H</div>	2 <div>I</div>
Clobazam	2
Levetiracetam	2
Prozac / Prozac Weekly <div>J</div>	1
Carbamazepine	1
Fluoxetine Hydrochloride [EPC]	1
Klonopin	1
Lamotrigine	1
Midazolam Hydrochloride	1
Topiramate	1

K

Show All Results

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Drug Adverse Event Browser: Medium-Fidelity Wireframes

Version 1.0 | 06.22.2015 | Pg. 6 of 6