Electron User Interface

Help Box

Field Tools

Window Box

Database Box

Tag Input

115 x 114

Image Box

Tag Box

Algo Box

0%   100%

0%   100%

0%   100%

0%   100%

100 x 100   100 x 100   100 x 100   100 x 100

100 x 100   100 x 100   100 x 100   100 x 100

100 x 100   100 x 100   100 x 100   100 x 100

tags

tag   tag
tag   tag   tag
tag   tag
tag   tag
tag   tag
tag   tag
tag   tag
tag   tag

Tag Tools Box

Field
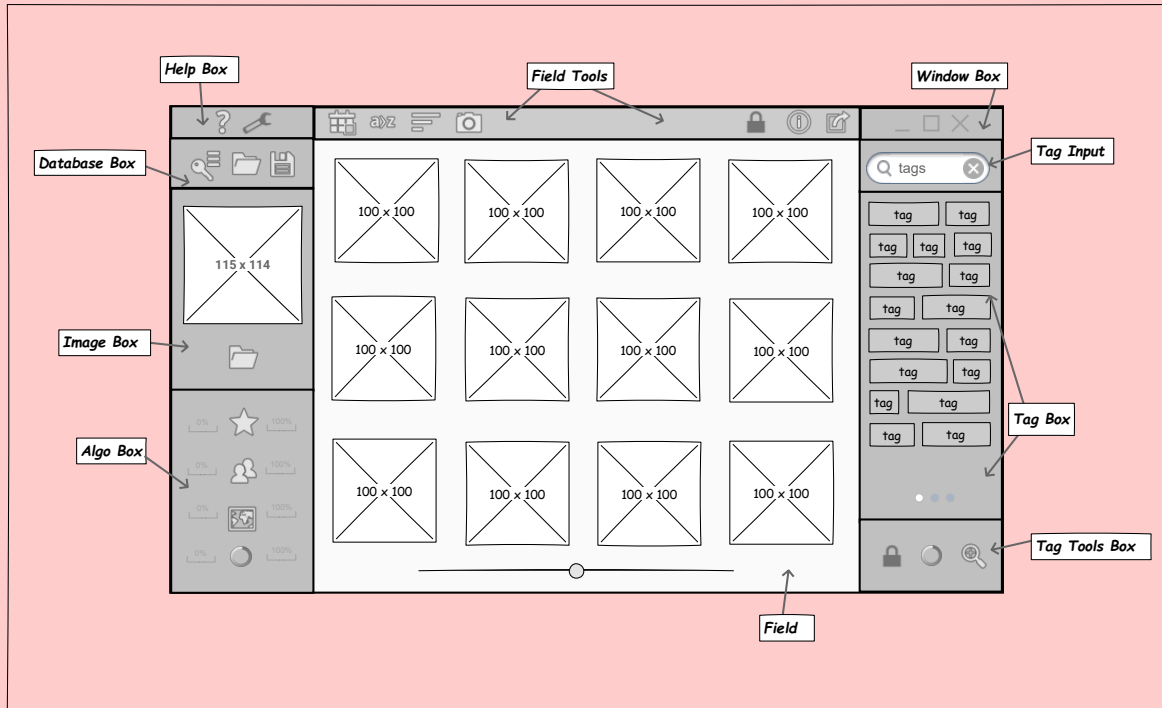
Help Box
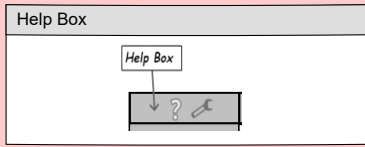
Help Box
Help Box

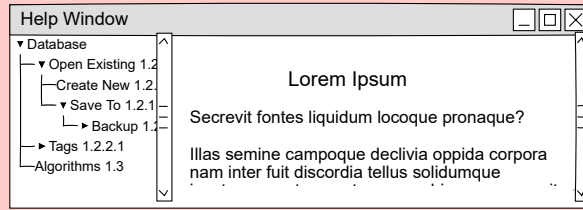| Help Box Features	
Contains	Items to help user navigate program, work more efficiently
Items	2x Click Button (Help Button, Settings Button)

Help Button		
	Description	Question Mark Icon
	Type	Click Button
	Result	Opens User Manual
	Links To	Help Window

Help Window

Settings Button		
	Description	Wrench Icon
	Type	Click Button
	Result	Opens User Settings
	Liunks To	Settings Window

Settings Window

Help Window

Help Window

▼ Database
— ▼ Open Existing 1.2
— Create New 1.2.
— ▼ Save To 1.2.1
— ▶ Backup 1.2
— ▶ Tags 1.2.2.1
— Algorithms 1.3

Lorem Ipsum

Secrevit fontes liquidum locoque pronaque?

Illas semine campoque declivia oppida corpora
nam inter fuit discordia tellus solidumque

| Help Window Features	
Type	Window
Left Side Contains	Contents File Tree with User Manual, Troubleshooting, FAQs
Right Side Contains	Corresponding Text
Left Side Items	1x File Tree; 1x Vertical Scroll Bar
Right Side Items	1x Paragraph Text Box; 1x Vertical Scroll Bar

Settings Window

Settings Window

Auto Save Enabled ☑ Checkbox

c:/User/Desktop/AutoSave   Browse

Keyboard Shortcuts

Auto Updates Enabled ☐ Checkbox

Check For Updates
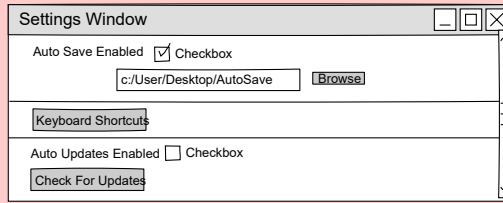
Settings Window Features	
Type	Window
Contains	User Preferences & Settings
Items	TBD

Field Tools

Back to Main

Field Tools
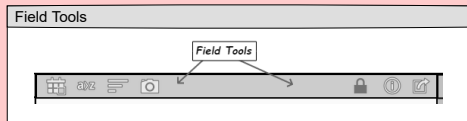
Field Tools

Field Tools Features

|	
Left Group Contains	Items to sort images active in Field
Right Group Contains	Items to edit and export images active in Field
Left Group Items	3x Sort Buttons (Sort Date, Sort Alphabetical, Sort Size); 1x Sort Button with Click Menu (Sort Metadata)
Right Group Items	1x Sticky Button (Lock Image Button); 2x Click Buttons (File Info Button, Export Button)

Sort Date Button

	Description	Calendar Icon
	Type	Sort Button
	Result	Sorts Field by date taken; second click reverses order

Sort Alphabetical Button

	Description	A ->Z Icon
	Type	Sort Button
	Result	Sorts Field alphabetiically by file name; second click reverses order

Sort Size Button

	Description	Descending Size Icon
	Type	Sort Button
	Result	Sorts Field by file size; second click reverses order

Sort Metadata Button

	Description	Camera Icon
	Type	Sort Button with Click Menu
	Result	Right click opens Sort Metadata Menu; Left click sorts Field by file metadata; second click reverses order
	Links To	Sort Metadata Menu

Sort Metadata Menu

Lock Image Button

	Description	Issa damn lock
	Type	Sticky Button
	Result	Prevents file changes to selected image(s) from Field until unpressed; Persistent state for files saved in DB until unpressed

File Info Button

	Description	Information Icon
	Type	Click Button
	Result	Opens File Metadata Window for selected image(s) from Field
	Links To	File Metadata Window

File Metadata Window

Export Button

	Description	Share Icon
	Type	Click Button
	Result	Opens Export File Options
	Links To	Export File Window

Export File Window

Export File Window

Export File

c:/User/Desktop/AutoSave   Browse
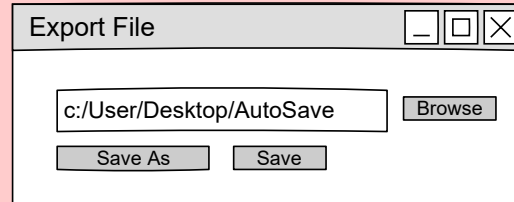
Save As   Save

Export File Window Features	
Type	Window
Contains	Saves copy of selected image(s) from Field in another location
Items	1x Address bar, 3x Click Buttons (Browse, Save As, Save)

File Metadata Window

File Metadata   `_` `□` `✕`

Camera   APPL IPHN   [Edit]

ISO Speed   [Edit]

[Apply]

| Metadata Window Features	
Type	Window
Contains	Lists EXIF data for selected image(s) from Field; Allows edit after user confirmation (2x/override preference)
Items	TBD

Sort Metadata Menu

Sort Metadata Menu Mockup

MenuItem
MenuItem
MenuItem
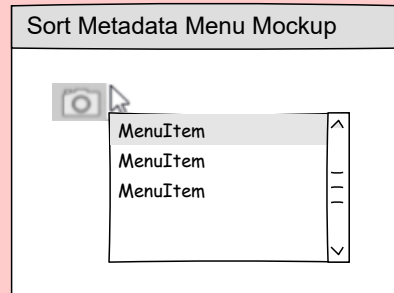
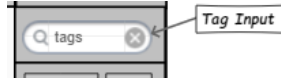| Help Window Features	
Type	Click Menu
Contains	EXIF metadata items used to sort Field
Items	1x Selection Menu; 1x Vertical Scroll Bar

Window Box

Window Box
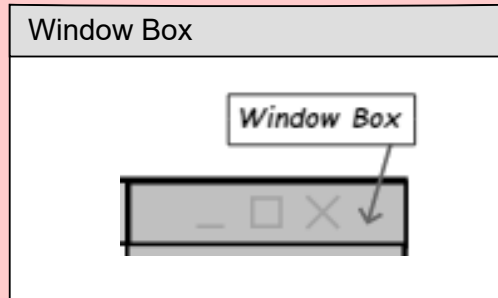
Window Box

Window Box Features	
Description	Minimize, Maximize, and Exit Icons
Type	Press Buttons
Result	Min, Max, or exit window (not program)

Tag Input

Tag Input

Tag Input

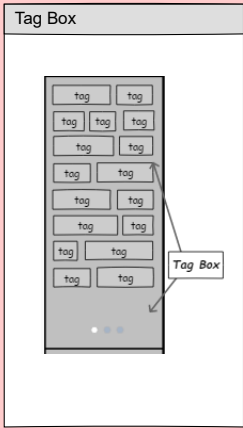| Tag Input Features	
Contains	Text field to input tags for filtering or new depending on Tag Tools used
Items	1x Text Search Bar

Tag Box

Back to Main

Tag Box	

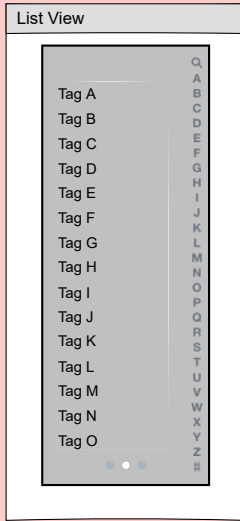| Tag Box Features	
Contains	Responsive, dynamic list of user tags alphabetically, point where user rapidly drags tags to Field, bottom menu switches view
Items	Xx Program Tags, 1x Page Menu

Program Tags		
	Description	User defined attribute stored by Program without altering file; user defined colors
	Type	Drag and Drop
	Result	User double ckicks tag to edit name or color, drag to Field to apply to selected image(s) or reverse

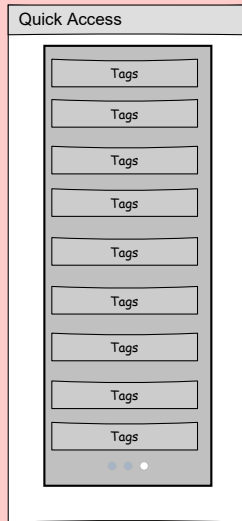| Page Menu		
	Description	Left option is default view, middle is List View, third is Quick Access
	Type	Page Menu
	Result	Dragging tag to seleted image(s) in field and saving Database allows program to retrieve image(s) by selected Tags; inverse

List View

Quick Access

List View

List View	
Tag A	Q A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #
Tag B	
Tag C	
Tag D	
Tag E	
Tag F	
Tag G	
Tag H	
Tag I	
Tag J	
Tag K	
Tag L	
Tag M	
Tag N	
Tag O	

List View Features	
Contains	Scrolling list of user tags and ability to click on alphabet for monitoring or finding tags
Items	1X Scolling List, 1x Alphabet List, 1x Page Menu at bottom

Scrolling List		
	Description	List of Tags sorted alphabetically
	Type	Scrolling List
	Result	Clicking Tag loads corresponding images from Database (when connected) to Field

| Alphabet List		
	Description	Clickable list of letters in place of scroll bar
	Type	Alphabet List
	Result	Clicking a letter moves Scrolling list down to Tags beginning with that letter

Quick Access

Quick Access	
Quick Access Features	
Contains	User sorted list of Box-Wide Tags for ease of access (Maybe save lists)
Items	Xx Box-Wide Tags, 1x Page Menu

Quick Access

- Tags
- Tags
- Tags
- Tags
- Tags
- Tags
- Tags
- Tags
- Tags

Box Wide Tags		
	Description	Fixed Width Tags
	Type	Drag and Drop
	Result	Typing into Tag autofills existing tags; drag and drop functions as normal Tags

Tag Tools Box

### Tag Tools
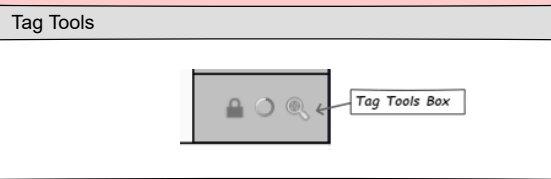
Tag Tools Box

Tag Tools Features	
Contains	Items to assist tagging
Items	1x Sticky Button (Lock Button); 1x Click Button with Menu (Color Wheel); 1x Click Button (Tag Size Button)

Lock Button		
	Description	Toggle for filtering by multiple Tags when searching Tags
	Type	Sticky Button
	Result	When toggled, user may enter multiple tags in Tag Input to search for images by multiple. Tags are displayed in Tag Box default view

Color Wheel Button		
	Description	Color Wheel Icon
	Type	Page Menu
	Result	After double clicking on tag, user clicks the Color Wheel to display a menu of colors to pick from
	Links To	Color Wheel Menu

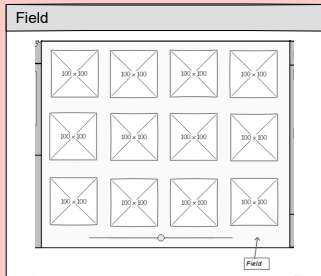| Tag Size Button		
	Description	Magnafying Glass Icon
	Type	Click Button
	Result	Clicking button increases size of Tags in Tag Box; after 3x the Tags reset

Color Wheel Menu

Color Wheel Menu
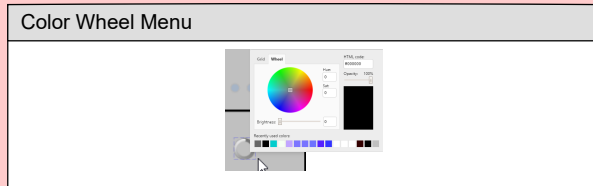
Color Wheel Menu Features	
Contains	Color Wheel (simplified) with Recent Choices
Items	1x Color Wheel Menu

Field

Field

Field

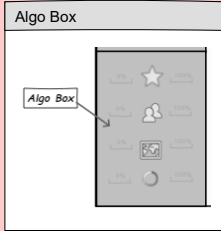| Field Features	
Contains	Central point for image searching/tagging; Multiple selection allowed
Items	Xx Image Thumbnails, 1x Horizontal Scale Bar

Image Thumbnail		
	Description	Container for all images in Program
	Type	Image Thumbnail
	Result	Double click opens File Metadata Window, Multiple Selection , selectfrom Field/drag to database to copy in (pre-save) with inverse available. All non-destructive to source until save
	Links To	File Metadata WIndow

Horizontal Scale Bar		
	Description	Used to increase/decrease thumbnail size in Field
	Type	Horizontal Scale Bar
	Result	When dragged all Image Thumbnail in Field scale accordingly, going from 6x/row (far left) to 1/row (far right)

File Metadata Window

Algo Box

Algo Box

Algo Box Features	
Contains	4 tools to make locating similar photos easier for the user when tagging
Items	4x Sticky Buttons (Best match, Face Finder, Scenery Finder, Color Match); 8x Text Fields showing Uper and Lower % Limit for each tool

Best Match Button		
	Description	Best match tool
	Type	Sticky Button
	Result	Clicking will filter Field to images best matched to Image Box sorted desending by % match

Face Finder Button		
	Description	Facial recognition tool
	Type	Sticky Button
	Result	Clicking sorts Field by images with faces that match image loaded to Image Box descending by % match

Scenery Finder Button		
	Description	Background matching tool
	Type	Sticky Button
	Result	Clicking sorts Field by images with background scenery that match image loaded to Image Box descending by % match

Color Match Button		
	Description	Color matching tool
	Type	Sticky Button with Click Menu
	Result	Clicking opens Color Wheel Menu for selection(s); sorts Field by images with RGB values that match image loaded to Image Box descending by % match
	Links To	Color Wheel Menu

% Limit Text Fields		
	Description	Limit match results of each Algo by lower and upper %
	Type	Text Field
	Result	Texts Fields appear on either side of active Algo upon selection default of 0% / 100% with ability to adjust

Color Wheel Menu
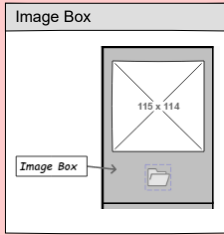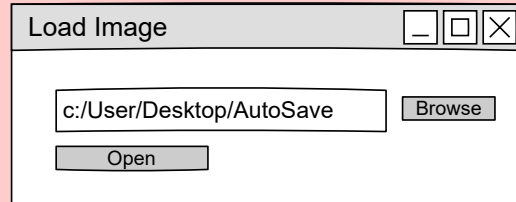
Image Box

Image Box

115 x 114

Image Box →

Image Box Features

Contains	Holds image used to find similar matches in Field
Items	1x Image Thumbnail; 1x Click Button (Load Image)

Image Thumbnail

100 x 100	Description	Container for images seeking to match
	Type	Image Thumbnail
	Result	Populated by dragging image from Field or using Load Image Button

Load Image Button

	Description	Folder Icon
	Type	Click Button
	Result	Opens Load Image Window
	Links To	Load Image Window

Load Image Window

Load Image Window

Load Image   ⊟ ▢ ☒

c:/User/Desktop/AutoSave   Browse

Open

Load Image Window Features	
Type	Window
Contains	Load Image from local directory (not Database) to Image Box
Items	1x Address bar, 2x Click Buttons (Browse, Open)

Database Box

Database Box
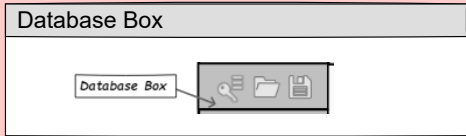
Database Box

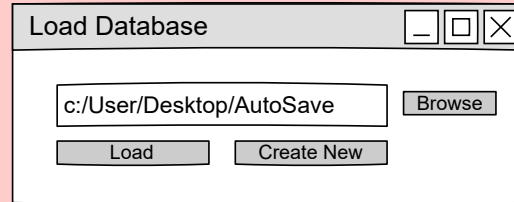| Database Box Features	
Contains	Items used for loading images and saving Databases
Items	2x Sticky Buttons (Load Database, Load Files); 1x Click Button (Save)

Load Database Button

	Description	File and Key Icon
	Type	Sticky Button
	Result	1st Click opens Load Database Window; Double click to disconnect (prompt to save), single click (while loaded) to switch Field to Database
	Links To	Load Database Window

Load Files Button

	Description	Folder Icon
	Type	Sticky Button
	Result	1st Click opens Load Files Window; Double click to disconnect (prompt to save), single click (while loaded) to switch Field to New Files
	Links To	Load Files Window

Save Button

	Description	Save Icon
	Type	Click Button
	Result	Opens Save Console
	Links To	Save Console

Load Database Window

Load Files Window

Save Console

Load Database Window

Load Database   _ □ ☒

c:/User/Desktop/AutoSave   Browse
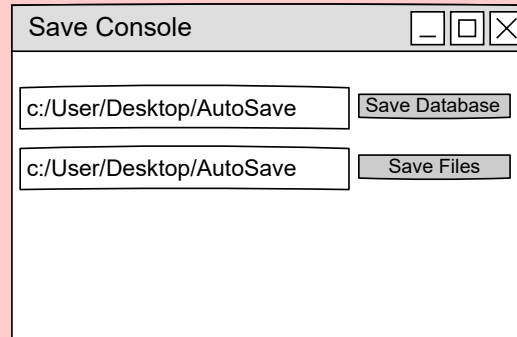
Load   Create New

Load Database Window Features	
Type	Window
Contains	Load existing Database or create new
Items	1x Address bar, 3x Click Buttons (Browse, Load, Create New)

Load Files Window

Load Files

c:/User/Desktop/AutoSave   Browse
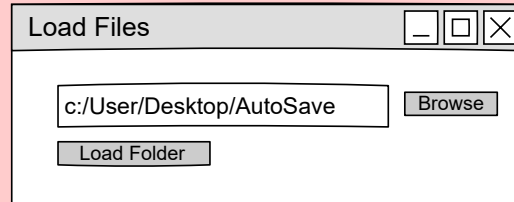
Load Folder

Load Files Window Features	
Type	Window
Contains	Load files from local directory
Items	1x Address bar, 2x Click Buttons (Browse, Load Folder)

Save Console

Save Console _ □ ✕

c:/User/Desktop/AutoSave   Save Database

c:/User/Desktop/AutoSave   Save Files

Load Database Window Features	
Type	Window
Contains	Save all changes to database (or create new save location); Save non-database files (or create new location)
Items	2x Address Bar (prefilled with loaded Database/Files location); 2x Click Button (Save Database, Save Files)