

SIMPLSHOT

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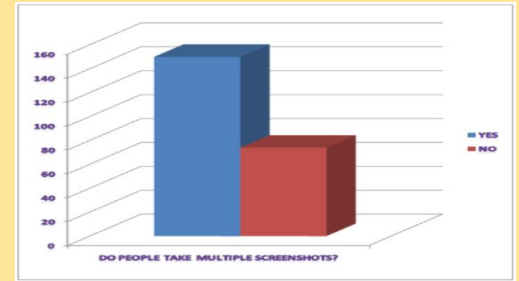
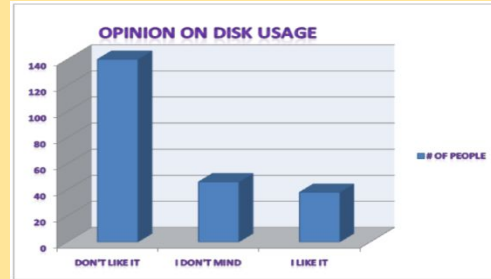
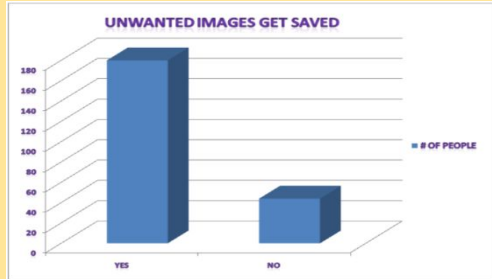
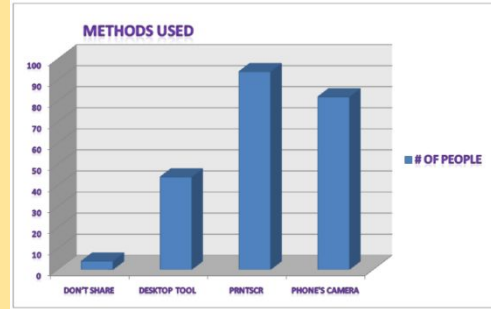
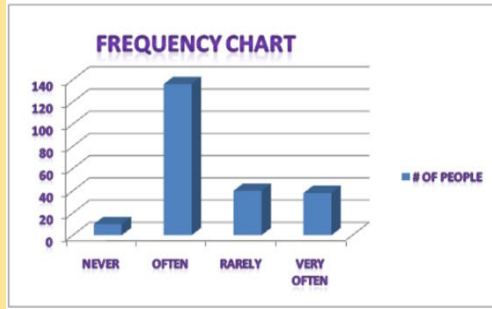
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The IDEA

- Traditional method of sharing screen-shots is cumbersome
- Local copy of screen snippets create clutter
- Aim to resolve the above two issues
- Survey showed additional possible areas of enhancements

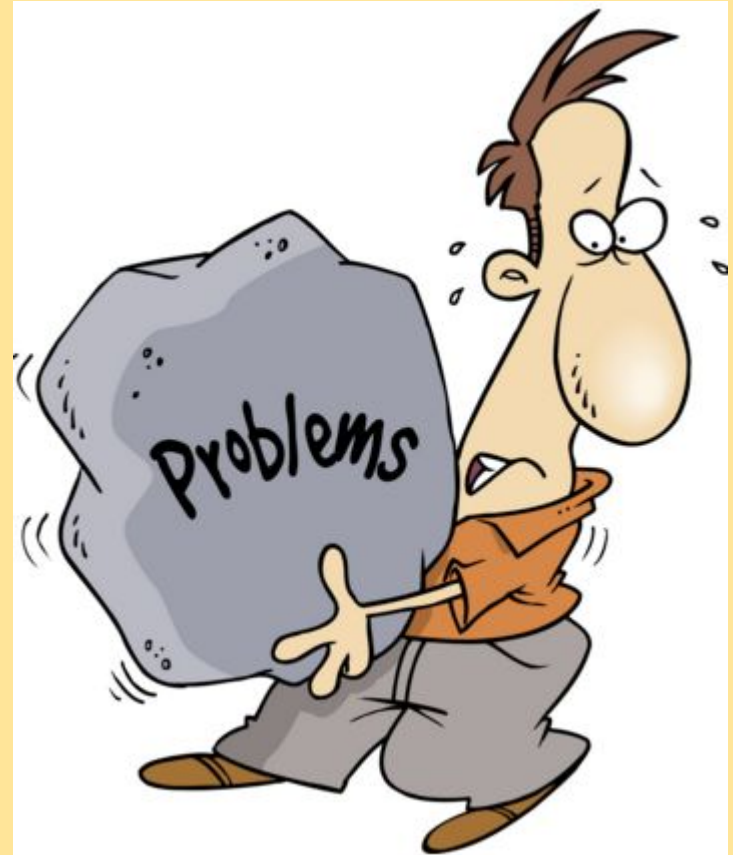


Initial Analysis



Problems to be Resolved

- Portable to multiple Operating Systems
- Ease the sharing mechanism
- Avoid Disk Storage
- Quick retrieval of past screen clips
- Aid taking quick multiple screenshots

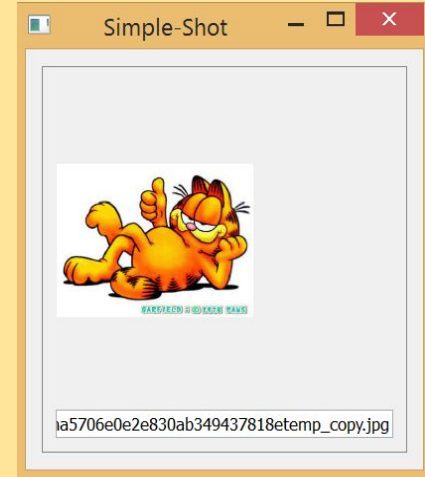
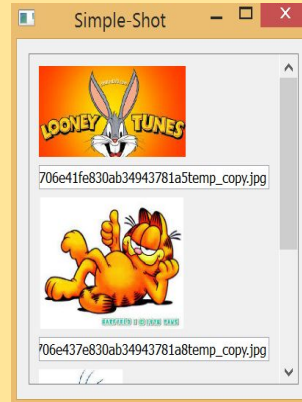
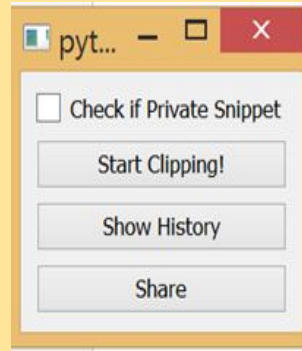




Solutions

Solution 1: Desktop App without Search

- Allows Users to Login/Sign up
- Users can capture a snippet by Click and Drag
- Image is stored on Amazon cloud and not on the local machine
- Click Share to obtain a shareable link to the latest image
- View history of all images previously taken



Solution 1: Pros and Cons

Pros:

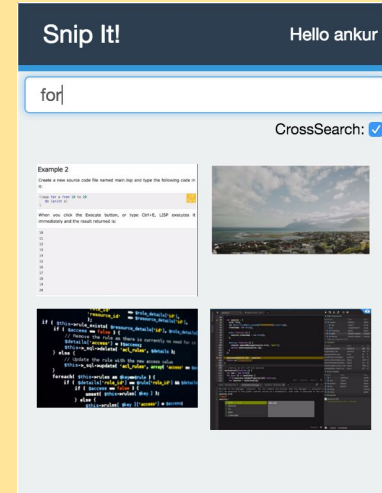
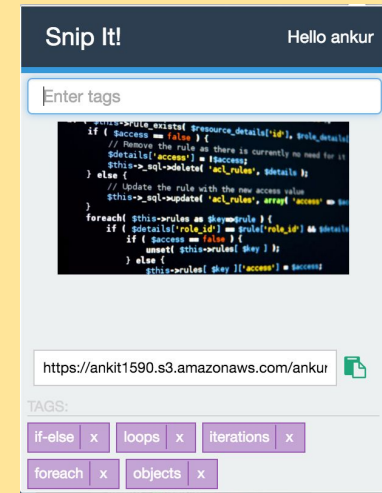
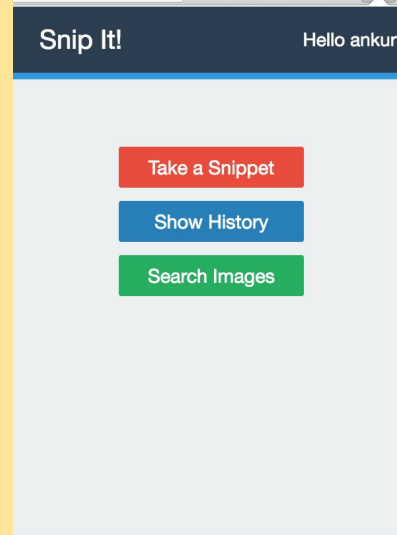
- Easy to capture snippets by simple drag of mouse
- Snippets are not saved on local drive.
- Users can easily obtain a link to the image to share it over social media
- Users can view history of all snippets previously taken

Cons:

- Searching through history becomes difficult when a number of images are present

Solution 2: Chrome Plug-In

- Users can Signup and create an account.
- Login to search previously taken snippets.
- Ability to take private/public screen snippets.
- Ability to manually add/delete custom tags to the snippets.
- Search snippets using tags.
- Share images using public URLs.



Solution 2: Pros and Cons

Pros:

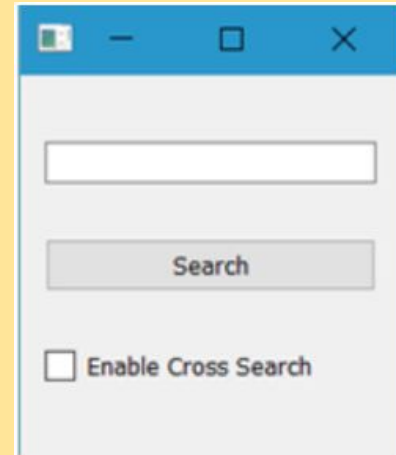
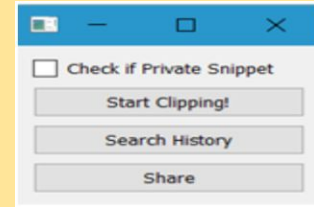
- Users can tag images manually to make searching easier.
- Easy to take snippets and share.
- Easy to install Chrome plugin.

Cons:

- Efficiency of search depends on manual tagging by users.

Solution 3: Desktop App with Search

- Signup/Login, capturing snippet and storage is similar to Solution 1
- Image is stored in the DB and tagged with the text extracted from it
- Perform public/private search on the basis of these tags



Solution 3: Pros and Cons

Pros:

- Searching user history is now easier with the search option
- Images are auto-tagged without user intervention
- Users can also browse public images uploaded by other users

Cons:

- Users can't manually tag images
- Auto-tagging is based only on text in images

User Tasks

User Task 1

- Coding challenge in Lisp
- Uploaded tutorial
- Users had to make use of our search feature in solutions 2 (Desktop) and 3(Chrome Plugin), to retrieve snippets from tutorial
- Users explored the search feature on the apps
- Helped us to evaluate the search features in both solutions

User Task 2

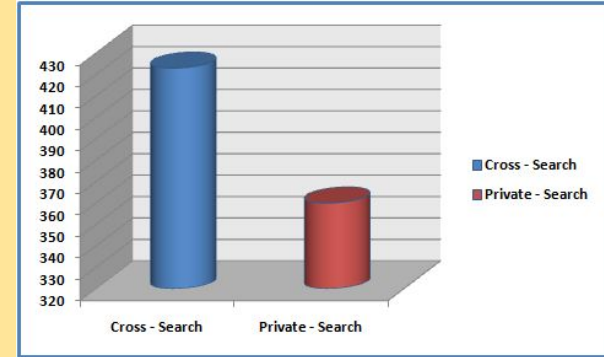
- Users had to take a snippet and share it on social media
- Users were to use the chrome plugin (solution 2) and Desktop app(solution 1) .
- Users explored the 'take snippet' and share features on the apps
- Helped us evaluate Chrome Plugin vs Desktop solution

Statistics

Statistics

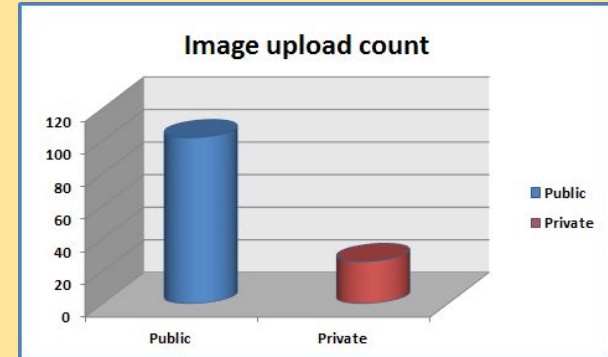
To Search or Not to Search

The user was keen on using the search feature which gave them an intuitive way of recovering their screenshots. This gave us a clear picture of which features of the solution was an USP for the solutions.

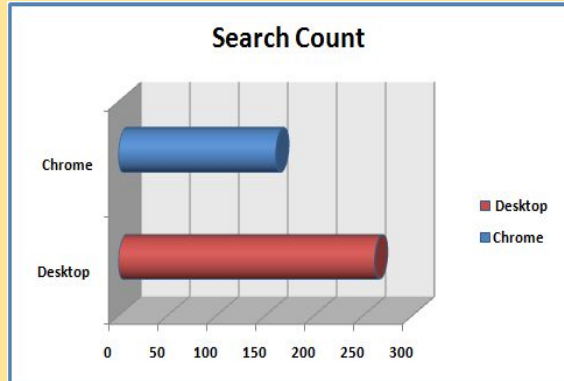
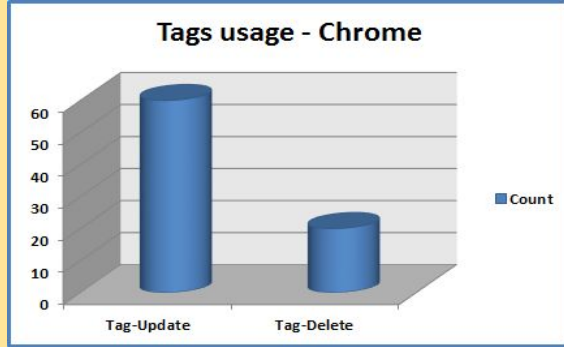


Privacy: The ‘Big Concern’

The solution isolates, the ability to upload screenshots as private or public. This gives the user the ability to upload confidential data without compromising security. We also noticed from the stats that the majority of the users don't mind sharing the images.

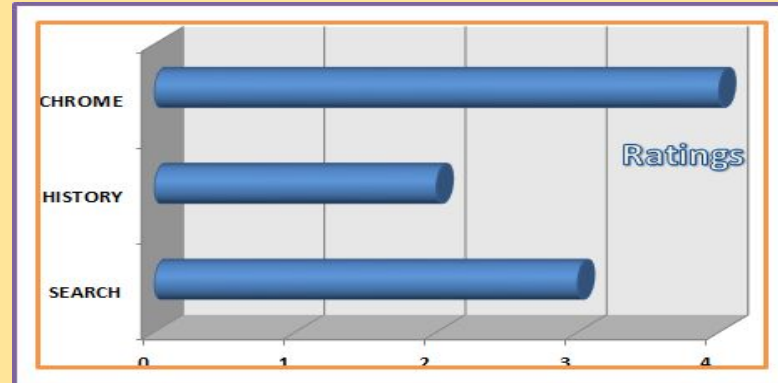


Statistics



Tagging: Manual or Automatic

Simplifying search was the next thing on the horizon for us. In the chrome solution, the user can tag the screenshots using the manual tags. We noticed users want power to tag their images and not be at the mercy of the Automatic tagging done by the “Tesseract API”.



Conclusion

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- **Best Solution among three: Chrome Extension**
- **Why?**
 1. **High User Rating**
 2. **“User Defined” Tags in Chrome Plug In**
 3. **Searching is easier with Chrome Plug In**
 4. **Browser is the Universal OS**

Future Work

- Mobile Application
- Add autocomplete for searching
- Integrate with Instagram and popular social media sites
- Segregation of professional and personal data

obrigado

Dank U

Merci

mahalo

Köszí

спасибо

Grazie

Thank
you

mauruuru

Takk

Gracias

Dziękuję

Děkuju

danke

Kiitos