



SRS Adobe Photoshop

Software Engineering (Lovely Professional University)



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SOFTWARE REQUIREMENTS **SPECIFICATIONS ON ADOBE** **PHOTOSHOP (SRS)**

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Software Requirement Specification

1. Introduction:-

The introduction of Software requirement Specification (SRS) provide an overview of entire SRS with purpose, Scope, definition, acronyms, abbreviations, references and overview of SRS.

The aim of this document is to gather and analyze and give an in-depth insight of the complete Adobe Photoshop by defining problem statement in detail. It also concentrate on capabilities required by stakeholders and their needs while defining high-level product feature. The detailed requirement of Adobe Photoshop provided in this document.

1.1 Purpose - The purpose of the document is to collect and analyze all assorted ideas that have come up to define the system, its requirement with respect to consumers. Also, we shall predict and sort out how we hope this product will be used in order to gain a better understanding of the project, outline concept that may be developed later, and document ideas that are being considered, but may be discarded as the product develops.

In short the purpose of this SRS document is to provide detailed overview of our software product its parameter and goals. This document describe

the project's target audience and its user interface hardware and software requirement. It defines how our client, team and audience see the product and its functionality. Nonetheless, it helps any designer and developer to assist in software delivery lifecycle (SDLC) process.

1.2 Scope -

This SRS is also aimed at specifying requirement of software to be developed but it can also be applied to assist in selection of in-house and commercial software products. The standard can be used to create software requirement specifications directly or can be used as model for defining a organization or project specific standard. It doesn't identify any specific method, nomenclature or tool for preparing an SRS.

2. Overall Description -

This document contains the problem statement that the current system is facing which is hampering the growth opportunities of the company. It further contains a list of the stakeholders and users of the proposed solution. It also illustrates the need and wants of the stakeholders that were identified in the brainstorming exercise as part of the requirement workshop. It further lists and briefly describes the major features and brief description of each of the proposed systems.

The following SRS contains detail product perspective from different stakeholders. It provides detail product function of photo editor with user characteristics, permitted constraints, assumptions and dependencies and requirements subsets.

3. Functional Requirements -

3.1 Description - The image is of different formats conversion takes place.

Input - The user selects the image to edit

Process - The system checks whether the image is of standard format or not.

Output - If image is in another format is selected an error message will be displayed on screen.

3.2 Description - Image Cropping

Input - The user will select crop tool in the editor

Process - The system will ask user to enter height and width of cropped image.

Output - A rectangle is displayed according to the user's input for the image.

3.3 Description - Image Rotating

Input - The user will select rotate option from tool bar.

Process - System will rotate picture by 90 degree

Output - Image will display with rotation applied.

3.4 Description - Image is Saved after editing.

Input - User will select Save option.

Processing - The System applies all operation performed on image.

Output - message will be displayed image Saved Successfully.

3.5 Description - Import Selected Picture to particular location

Input - user select import option from tool bar

Processing - System ask user to enter destination where it needs to be imported.

Output - a dropbox will displayed with Content of image imported Successfully.

3.6 - Setting - Add/Modify/Remove user data

Input - User information can be added/updated/deleted

Processing - New data is captured and updated in database.

Output - changes to user data are made Successfully.

4. Non-functional Requirements

4.1 Reliability : The system shall never crash or hang other than result of an operating system it is trust worthy to user.

4.2 Portability : The software designed in such a way that it can run atleast one of following platforms:-

- Microsoft Windows (window implementation shall be portable to all version of windows up to and including windows XP)

- Apple Macintosh OS (Apple MAC implementation shall be portable to all current version of Mac OS)

It is also available in android phones and i-phones
So that we can use it without our PC.

4.3 Security - There are no specific security and privacy requirements other than the general use of software by connecting to their e-mails.

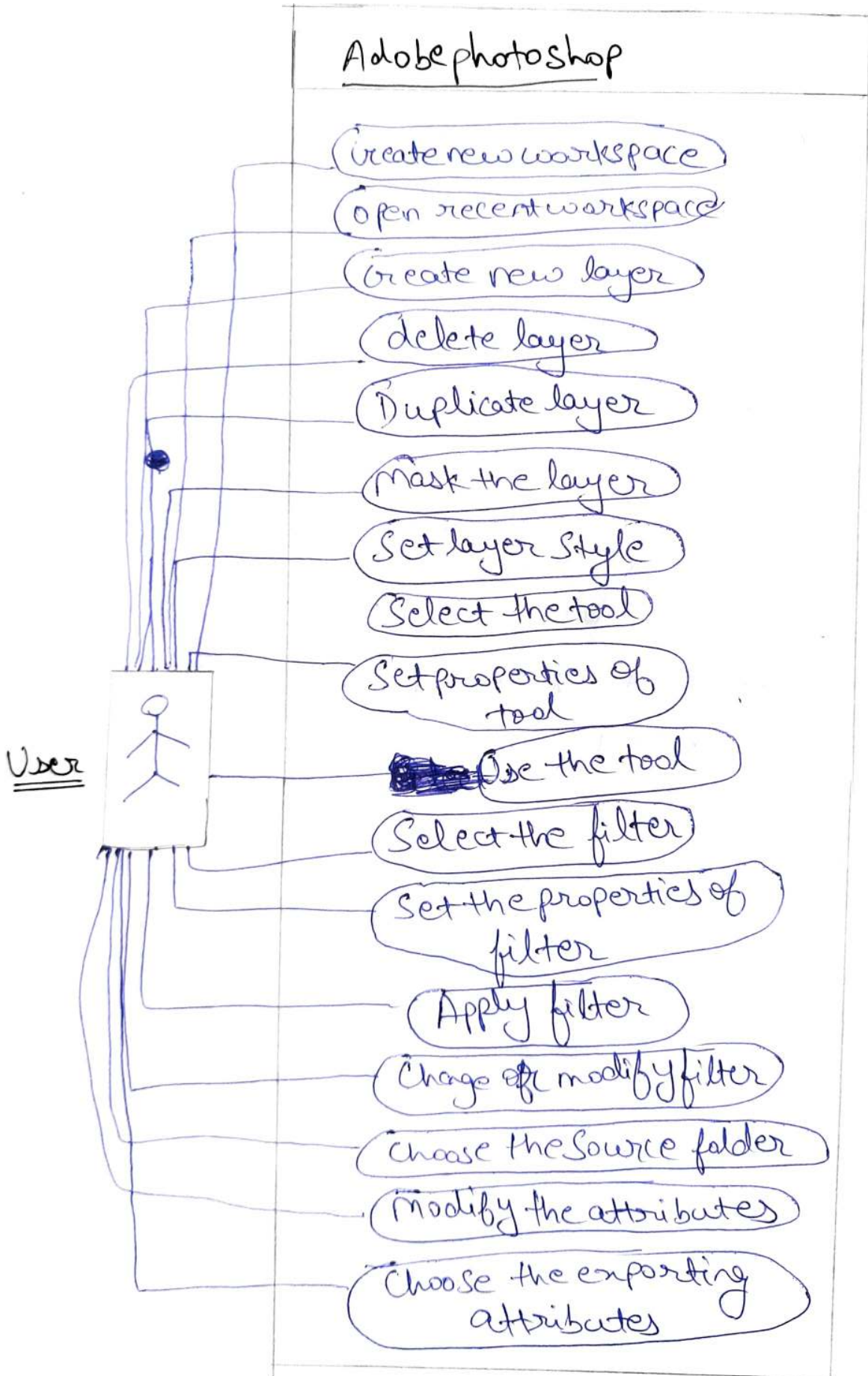
4.4 Maintainability - Maintainability means that measure the ease and speed of system can be restarted to operational status after failure occurs. Adobe photoshop is software which can restart its operational status within no time actually won't trouble customers.

4.5 Support-ability - The Coding and Supporting module of System will be well documented easy to understand user documentation and help System Requirements.

5. Constraints -

- login id and passwords of user must be valid.
- Signup details - mandatory valid details must be provided by user.
- New accounts with existing account details cannot be created.
- Internet availability.
- User must agree to all terms and conditions lay by Adobe photoshop lest he cannot use the application.

6. Use Case Diagram



7. Test Cases :-

Login -

S.No	Input	State	Expected output	Actual output	Result
1.	wrong Username / correct password	checking into database	Homepage will open	Homepage is opening	Fail
2.	wrong Username / correct password	checking into database	Homepage will open	popup showing for wrong input	Pass
3.	correct username / wrong password	checking into database	Homepage will open	Homepage is opening	Fail
4.	correct username / wrong password	checking into database	Homepage will open	popup showing for wrong input	Pass
5.	correct username / correct password	checking into database	Homepage will open	popup showing for wrong input	Fail
6.	correct username / correct password	checking into database	Homepage will open	Homepage is opening	Pass

Signup -

S.No	Input	State	Expected output	Actual output	Result
1.	Password added without mixture of Symbol and Characters	Adding to database	Popup account created is Showing	Popup of account created is showing	Fail
2.	Password added without mixture of Symbol and Characters	Adding to database	Popup of account created is Showing	Popup comes with enter valid password	Pass
3.	password added with mixture of Symbol and Character	Adding to database	Popup of account created is Showing	pop of account created is Showing	Pass

Premium Upgrade -

S.No	Input	State	Expected output	Actual output	Result
1.	Click on "upgrade to premium"	not Required	Transaction window should open	Transaction window is opened	pass
2.	Enter valid Card or UPI detail where OTP is required	1234567891011 or upi@ybl OTP: 012345	Transaction done "upgrade to premium" must be shown	Transaction done "upgrade to premium" is shown	Pass
3.	Enter invalid Card or UPI details but Valid OTP	1234 5678 or upi@ok OTP: 012345	Transaction failed should be shown	Transaction failed is shown	Pass
4.	Enter valid Card or UPI detail but invalid OTP	123456789101 or upi@okix OTP: 12	Transaction failed should be shown	Transaction failed is shown	Pass

To check whether all Services working or not :-

S.No	Input	State	Expected output	Actual output	Result
1.	click on "my files"	not Required	Should Show recent images	Showing recent images	Pass
2.	click on "Camera"	not Required	Should Show your image	Showing your image Successfull	pass
3.	click on "Apply filters"	Adding to database	Should showing filter with image	Showing your filtered image successfully.	pass

Feedback :-

S.No	Input	State	Expected output	Actual output	Result
1.	click on feedback option	fetching into database	feedback form is open	nothing is open	fail
2.	click on feedback option	fetching into database	feedback form is open	feedback form is open	pass