

Sub- Category	Criteria	Description	Marks
Infrastructure 5	Website Hosted on Cloud	The website should be accessible from any computer without having to compile and run the code on that computer	2
	File Storage Hosted on Cloud	The files should be stored on an online server or file storage mechanism that is secure. Files stored on a local computer and cannot be accessed from a different computer do not qualify as cloud storage	2
	Database Hosted on Cloud	The database should be accessible, through the site, from any computer without having the database created on that computer.	1
Data Access 5	CRUD	Create, read, update and delete functionality works from the web application	2
	Secure Data Storage	All data is secured and conforms to POPI standards. No passwords should be visible in the database or in the code configuration	1
	User-Based Access Control	Data is accessed through the web app based on the user's access level to the data they are trying to access	1
	Referential Integrity	When a photo is deleted, the metadata and user access should also be deleted	1
Logic / Functionality (Individual 15/ Team 25)	CRD - One or More Photos	Create, read and delete one photo - user access and metadata should also be revoked (or deleted) when the photo is deleted	5
	CRUD - Own Photo Metadata	Create, read, update and delete the metadata attached to the owners photo (or photos)	1
	CRUD - Shared Photo Metadata	Create, read, update and delete the metadata attached to another users photo (or photos)	1
	Share One or More Photos	Share one or more photos with one or more users - stretch, make accessible with link	3
	Download One or More Photos	Download one or more photos from the browser and save to the users local PC	2
	CRUD - User Access on One or More Photos	Create, read, update and delete a users access to one or more photos and the associated metadata	3
	Search Photo Metadata [If individual this is bonus marks][If working in a team this is a compulsory project requirement]	A user should be able to search for photos through the metadata of the photos that the user has access to	5
	CRUD - Albums [If individual this is bonus marks][If working in a team this is a compulsory project requirement]	The implementation of albums with user access on an album level and photos viewed only based on the albums they are a member of	5

Presentation 5	Intuitive Design	The design should be user friendly, it should guide the user through the steps needed to functionally use the web application in a way that reduces the need to provide user guide documentation	1
	Consistent Design	The design should remain consistent across the user journey (ie. Consistent usage of fonts, font sizes, margins and spaces, text position, animated effects, etc.)	1
	Intentional Design	The design should be target the functional intention of the content currently on screen. For example, do not show user access and photo metadata fields if the user hasn't uploaded the photo yet. The initial intentional focus is targeted at getting the user to upload the photo before proceeding to the next possible action, like user access and photo metadata, or even album association.	1
	Inclusive Design	The design should be inclusive of all users in the target audience. For example, if a user were colour blind, they would not be able to infer the signficance of coloured buttons if there weren't patterns or shading differences as well.	1
	Responsive Design	The design should be implemented with the consideration of users who would want to use this web application from their mobile device. Mobile responsiveness would be an important aspect of implementing this ability.	1
Standards 5	Design Pattern	The clear use of a design pattern should be presented by the code structure	1
	Architectural Pattern	The clear use of an architectural pattern should be presented by the code structure	1
	Error Handling	Error handling methods should be used, along with logging, to ensure that the user does not receive any technical errors and so that the developer can identify the problem by investigating the logs	1
	Unit Tests	Unit tests should be present to test atleast 80% of all functionality	1
	Source Control	The audit log on the source control repository should clearly indicate that source control was used through the project. The audit logs should show multiple commits and pushes, based on the completion of functional requirements, along with a branching strategy	1
TOTAL (if doing project as an individual)			35
TOTAL (if doing project as a team of 2 members)			45