

System Analysis and Design - Group Project

CeyGem.Com

Online Gem Advertising Platform

Requirement Statement

Name of the Project
CeyGem.Com - Online Gem Advertising Platform

Group label
CeyNet (Pvt) Ltd.

Group Members
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Brief description about the Solution
CeyGem.com is an online gem advertising platform dedicated to Sri Lanka. It allows certified gem sellers to list gemstones with images and certificates, while buyers can easily browse, filter, and contact sellers. Admins and moderators ensure listing quality and platform safety. The platform does not handle payments buyers connect directly with sellers for inquiries and purchases.

User Requirements :

User Name	List of Requirements
Admin	Manage all users (approve/block/delete - sellers, buyers and moderators).
	View platform wide reports (total gems listed, active sellers, etc.).
	View and manage all listed gems.
	Assign roles (upgrade seller to moderator, etc.).
	Delete or edit any gem listing.
	Send system wide announcements.

User Name	List of Requirements
Moderator	Approve or reject gem listings submitted by sellers.
	Verify gem certificates uploaded by sellers.
	Flag and remove inappropriate content.
	View reports on seller activity.
	Communicate with sellers for listing improvements.

User Name	List of Requirements
Seller	Register and verify identity and gem certification.
	Add new gem listings with: Gem images (multiple), Description, type, size, color, Certificate image or PDF, Contact information (phone/email)
	Edit or delete their listings.
	View buyer messages/inquiries.
	Manage their profile and contact details.
	View listing status (Pending/Approved/Rejected).

User Name	List of Requirements
Buyer	Register/login (optional guest view for browsing).
	Browse/search/filter gems by type, size, price, location.
	View gem details and certificate.
	Contact seller via provided contact info.
	Save favorite listings (if registered).
	Report suspicious listings or sellers.