

Product Requirement Document

Item no	Feature	Specification	Screen Definition	User Story	Acceptance Criteria
1	Login	Hero Section	Header: "Login to the system" Input : enter id -placeholder: "enter id" Input: password -placeholder: "enter password" Button: Submit button (Login)	As a government official, I want to securely log in using password system so that unauthorized access to the system is prevented, ensuring only verified personnel can use it.	Login page must block browser developer tools (Inspect Element). Screen capture must be disabled on this page to protect sensitive information. The login process must validate password before granting access.
2	Users Dashboard	Navbar	Left Section: 1. Image 2. Name 3. Designation Right Section: -History Btn -Logout Btn	As a logged-in user, I want to view my profile info and have easy access to the history and logout functionalities so that I can navigate the system effortlessly.	Display the correct profile image, name, and designation. Buttons must be functional. Redirect to the history page or logging the user out. Everything must be single-page. State changes should not cause full page reloads.
3		Hero Section	Header: "Search a Person"	As an official, I want to search for a person	All input fields and image upload must be mandatory.

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			Input: Enter name -placeholder: "Enter name" Input: enter NID/Birth Certificate -placeholder: "Enter NID/Birth Certificate" Images: -uploaded images Button: Submit Button (Search)	using name and ID, and some images. So that the system can identify the lost person using facial recognition and provide real time location updates.	The system should allow multiple images to enhance accuracy. Starting search will begin facial detection in connected CCTV cameras of the systems. If a match is found, system shows real-time location in tabular form.
<u>4</u>	Searching	Navbar	Left Section: 1. Image 2. Name 3. Designation Right Section: -History Btn -Logout Btn	As a logged-in user, I want to view my profile info and have easy access to the history and logout functionalities so that I can navigate the system effortlessly.	Display the correct profile image, name, and designation. Buttons must be functional. Redirect to the history page or logging the user out. Everything must be single-page. State changes should not cause full page reloads.
<u>5</u>		Main Section	Header: "Searching for [Name]" Button: Stop Searching Table Columns:	As an official, I want to track the location of a searched person in real time. And if the	Results should update in real time as matches are found. Must include timestamps and camera number to track easily.

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			1. Serial No 2. Area 3. Camera No 4. Time 5. View Button (to explore footage/location)	system finds any match, I can quickly verify and take action if the match is confirmed.	When the enter button is pressed for a specific match, the current tab must be preserved and review footage page should open on new tab. "Stop Searching" stops the whole process when the person is identified.
<u>6</u>	Search History	Navbar	Left Section: 1. Image 2. Name 3. Designation Right Section: -Home Btn -Logout Btn	As a logged-in user, I want to view my profile info and have easy access to the history and logout functionalities so that I can navigate the system effortlessly.	Display the correct profile image, name, and designation. Buttons must be functional. Redirect to the dashboard or logging the user out. Everything must be single-page. State changes should not cause full page reloads.
<u>7</u>		Main Section	Header: "Search History" Table Columns: 1. Serial No 2. Name 3. NID/BC Number 4. Time	As an official, I want to see a list of all my past searches so I can refer to them later if needed for reports or follow-ups.	List must be sorted by most recent. The user must not be able to delete the history. Only can be viewed.
<u>8</u>	Footage review	Main Section	Header: Review	As an official, I want to visually	When the View button is clicked from

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			<p>Footage -10 second video (auto selected from the camera footage where the person was last detected) -Full player controls (play/pause, full screen, progress bar, time display, etc.), similar to YouTube's interface. Button: Go Back (returns to the Search Results page)</p>	<p>verify a possible facial recognition match by watching the relevant footage, so I can decide whether the system's detection was accurate and take appropriate action.</p>	<p>the Search Result page, this page loads with the 10 second video. The Go back button must close the current tab. Searching page is still in other tab with previous state preserved (i.e., search doesn't restart). No download option should be exposed to the user (for privacy/security reasons).</p>
<u>9</u>	Admin Dashboard	Navbar	<p>Add New User button (opens user creation popup) Logout button</p>	<p>As a logged-in admin, I want to view my info and logout out easily.</p>	<p>The Add New User button should open a popup with the functionality to create a new user. Logout button must work properly and the name should be admin. Nothing else.</p>
<u>10</u>		Main Section	<p>Table Columns: 1. Serial Number 2. Name 3. Designation 4. Area</p>	<p>As a logged-in admin, I want to see and manage all registered users in a single dashboard so that I can easily</p>	<p>The table must display all current users with their name, designation, and area. Buttons must trigger appropriate actions:</p>

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			5. History Button 6. Update Button 7. Delete Button	control access to the system.	History opens a popup containing the search history of the specific user. Update opens a popup pre-filled with the user's current data. Delete permanently removes the user after confirmation. Adding new users must be done through the Add New User button.
<u>11</u>		Update User (Popup)	Input: -Name -Designation -Area Button: -update -cancel	As an admin, I want to edit user information quickly so that I can fix incorrect entries without deleting the account.	Popup should open with current values pre-filled. Pressing Update should save and reflect changes in the dashboard table immediately. Pressing Cancel should close the popup with no changes
<u>12</u>		Create New User (Popup)	Input Fields: -Name -Designation -Password 1 -Password 2 Buttons: -create -cancel	As an admin, I want to register new officials with credentials so that they can log in securely and access the tracking system.	Password fields are mandatory and must match specific security criteria (e.g., length, complexity). Password 1 and Password 2 must not be the same. On clicking Create, a new user should be

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					added to the dashboard. Pressing Cancel will close the popup.
<u>13</u>		User's History (Popup)	Table: 1. No 2. Targets NID/BC 3. Time Button: Close	As an admin, I want to see the whole search history of an user.	The history should appear on latest first basis. The history must not be edited or deleted by the admin.