ID	Area	SubArea	Requirement	Role
1.1	Project Overview	App Context	Build a web dashboard for a salon AI product recommendation app used by salon owners (admins) and stylists.	Both
1.2	User Roles	Salon Owner	Salon owner acts as admin, manages salon, stylists, and product catalog for AI suggestions and sales tracking.	Admin
1.3	User Roles	Stylist	Stylist uses the app to scan client hair, see AI product suggestions, and record sales attributed to them.	Stylist
2.1	Authentication	Login	Provide email/password (or equivalent) login for both salon owners and stylists.	Both
2.2	Authentication	Roles	Implement role-based access control separating Admin dashboard and Stylist dashboard.	Both
2.3	Authentication	Multi-Salon	Ensure each salon owner only sees their own salon's data, with multi-salon support in future.	Admin
3.1	Admin Dashboard	Overview	Show total sales for selected period (today/week/month) on the admin home screen.	Admin
3.2	Admin Dashboard	Overview	Show sales by stylist (top 5) for the selected period.	Admin
3.3	Admin Dashboard	Overview	Show top-selling products for the selected period.	Admin
3.4	Admin Dashboard	Overview	Show number of scans / AI recommendations for the selected period.	Admin
3.5	Admin Dashboard	Quick Actions	Provide quick links to Add New Stylist, Add New Product, and View All Sales.	Admin
4.1	Stylist Management	List	Provide stylist list with columns: Name, Email/Phone, Status (Active/Inactive), Total Sales (amount and units).	Admin
4.2	Stylist Management	Actions	Allow admin to View Profile, Edit, and Deactivate stylists from list view.	Admin
4.3	Stylist Management	Create/Edit	Support Add/Edit stylist with fields: Full Name, Email, Phone, and password reset/invite.	Admin
4.4	Stylist Management	Salon Assignment	Support assigning stylists to a specific salon (for future multi-salon setups).	Admin
5.1	Product Management	Catalog	Allow salon owner to add, edit, and deactivate products within their salon's catalog.	Admin
5.2	Product Management	List	Show product list with columns: Product Name, Brand, Category, Price, Inventory (optional), Active status.	Admin
5.3	Product Management	Filters	Provide filters on product list by Category and Active/Inactive status.	Admin
5.4	Product Management	Fields	Product Add/Edit form includes: Name, Description, Price, SKU/Code, Category/Tags, Image upload (optional), Active toggle.	Admin
5.5	Product Management	AI Usage	Include checkbox 'Include in AI suggestions' for each product and optional tags for hair type/concerns.	Admin
5.6	Product Management	Pre-selected	Allow admin to mark some products as default/pre-selected for AI suggestions pool.	Admin
6.1	AI Recommendations	Storage	Store AI recommendation output for each session, including product IDs and scores.	System
6.2	AI Recommendations	History View	Provide page to view AI suggestion history with date/time, stylist, client/session ID, and suggested products.	Admin
6.3	AI Recommendations	Sold Flags	Indicate for each suggested product whether it was sold or not within the session.	Admin
6.4	AI Recommendations	Filters	Support filters on AI recommendation history by stylist, date range, and product.	Admin
6.5	AI Recommendations	Product Control	Allow admin to enable/disable products from being used by AI suggestions.	Admin
7.1	Sales Tracking	Recording	Record each sale with Sale ID, Date/Time, Stylist ID, Product(s) sold (with quantity), and total amount.	System
7.2	Sales Tracking	Session Link	Link each sale to the corresponding scan/session ID to connect with AI recommendations.	System
7.3	Sales Dashboard	Summary	Provide sales summary with Total Revenue for selected period.	Admin
7.4	Sales Dashboard	By Stylist	Report sales by stylist (chart and table) for selected period.	Admin
7.5	Sales Dashboard	By Product	Report sales by product for selected period.	Admin
7.6	Sales Dashboard	Conversion	Show conversion rate: sessions with ≥1 product sold / total sessions.	Admin
7.7	Sales Detail	Detail Table	Provide detailed sales table with Date, Stylist, Products, Quantity, Total amount, and Scan/Session reference.	Admin
8.1	Stylist Dashboard	Home	Show stylist's number of scans done today and products sold today.	Stylist
8.2	Stylist Dashboard	New Scan	Provide shortcut/button to start a new hair scan session (or deep-link to mobile flow).	Stylist
8.3	Stylist Dashboard	Session History	Show list of recent sessions with Date/Time, Client ID/Name, AI-suggested products, and sold products.	Stylist
8.4	Stylist Dashboard	Session Detail	Allow stylist to open a session and see AI recommendations and mark which products were actually sold.	Stylist
8.5	Stylist Dashboard	Performance	Show stylist performance summary: total sales, top products sold, and number of scans for selected period.	Stylist
9.1	Non-Functional	Security	Ensure role-based access: admins cannot see other salons; stylists cannot access admin settings.	Both
9.2	Non-Functional	Scalability	Design system to support multiple salons, each with isolated products, stylists, and data.	System
9.4	Non-Functional	UI	Dashboard must be responsive and usable on desktop and tablet.	Both