

PROJECT SCOPE STATEMENT

Project Name

ToolShare

Project Deliverables

Working Web Application

- **User Authentication System:** A secure login page where students and staff can sign in using their university email.
- **Equipment Browsing & Search:** A main page where users can search for equipment, filter by category (e.g., "3D Printers," "Cameras"), and see detailed information about each item.
- **Booking & Reservation System:** A calendar interface where users can see availability and reserve equipment for specific dates and times.
- **User Dashboard:** A personal page for users to view their current and past bookings.

Administrative Backend

- **Admin Dashboard:** A separate, secure area for staff and lab managers to add, edit, and remove equipment from the system.
- **Booking Management:** A view for admins to see all bookings, manage requests, and cancel reservations if needed.

Database & Deployment

- **Functional Database:** A cloud database that reliably stores all information about users, equipment, and bookings.
- **Deployed Live Website:** A fully functional version of the ToolShare application hosted on a public URL (e.g., using Vercel or AWS) that anyone at the university can access.

Project Exclusions

- Developing a separate mobile app. (The website will be mobile-friendly).
- Purchasing or maintaining any physical equipment.
- Processing payments or a rental fee system.
- Repairing or servicing damaged equipment.