

Project Name:

LinkedIn-Style Social Media Platform (MERN Stack)

Prepared By:

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Level	WBS Element	Description
Project Goal	LinkedIn-Style Social Media Platform	
Phase	Project Setup	Install tools, create GitHub repo, set up Vite
Stage	Frontend Development	Build user-facing components
Activity/Deliverable	Signup/Login Page	Create and test login and register forms
Task	Design Login UI	Build and validate login form
Task	Implement Auth API Integration	Connect login/signup to backend
Stage	Profile Module	Edit and view profile with images
Activity/Deliverable	Edit Profile Feature	Update about info, upload profile picture
Task	Build EditProfile.jsx	Frontend component for editing
Task	Update /api/user/updateprofile	Handle Cloudinary image and bio
Stage	Post Module	Enable users to create and interact with posts
Activity/Deliverable	Post Creation	Text/image post feature
Task	Create Post UI	Post input field with image upload
Task	Save post in MongoDB	Store post using backend API
Stage	Connection Module	Send/accept/reject connection requests
Activity/Deliverable	Connection Requests	Functionality for adding connections
Task	Design buttons & logic	Connect, Accept, Reject button actions
Task	Create routes in /api/connection	POST/GET for connection handling
Phase	Testing	Manual and Postman API testing
Stage	API Testing	Validate backend endpoints

Level	WBS Element	Description
Task	Use Postman to test routes	Send sample requests and verify
Phase	Deployment	Deploy frontend and backend
Stage	Vercel and Render Deployment	Configure deployment services
Task	Set environment variables	.env setup for prod
Task	Verify working URL	Ensure final live app is functional
Phase	Documentation	Prepare all mandatory documents
Stage	Final Report & Logs	Fill SDS, RAID log, test plan, etc.
Task	Compile PDF reports	All filled documents zipped for upload