

Day-by-Day Execution Plan

Range: Nov 9 → Dec 4, 2025 • Backend is complete and tested • This file breaks work into smallest actionable steps with ETAs.

- ⌚ ETAs are conservative: 5–15 min micro-steps, 20–45 min small tasks, 60–90 min larger tasks.
- ☑ Ship something daily. Keep the console clean. Prioritize spec compliance, not extras.

Sun • Nov 9 | Focus: Auth forms wiring + validation scaffolds

Authentication • Register

Goal: submit → server → token → redirect

Create Joi schema file and RHF bridge Est. 45 min

- Create `src/features/auth/validation/register.schema.ts` 5m
- Add email rule (`(email().required())`) 5m
- Add password rule per spec (min 8, A/a/0/symbol) 10m
- Add confirmPassword match 5m
- Create `joinResolver` wrapper for RHF 10m
- Unit-test schema with 3 valid + 3 invalid cases 10m

Wire Register form Est. 60 min

- Attach RHF to inputs + show inline errors 15m
- Disable submit while submitting 5m
- On submit → POST `/api/auth/register` via `QueryProvider` 15m
- On 201 → toast success + auto-login or redirect to login 10m
- On 400 → map server message to field toast 15m

Authentication • Login

Goal: persist token + context state

Implement login flow Est. 55 min

- Create `login.schema.ts` (email + password) 10m
- Hook form submit → POST `/api/auth/login` 10m
- Extract token → save to `localStorage` 5m
- Update `AuthProvider` state from token 10m
- Navigate to `/dashboard` on success 5m
- Toast on 401 + reset password field 15m

UX Utilities

Goal: common Spinner + error

Add Spinner + ErrorText components Est. 35 min

- Create `components/common/Spinner.tsx` 10m
- Create `ErrorText.tsx` with `aria-live` 10m
- Replace ad-hoc loaders in Auth pages 15m

Mon • Nov 10 | Focus: Guards + token lifecycle

Routing & Guards

Goal: enforce guest/auth/admin paths

Finalize RouteGuard behaviors Est. 50 min

- Guest routes redirect if authenticated 10m
- Auth routes redirect to login if no token 10m
- Admin routes check `role==admin` 10m
- Add Suspense + Spinner for lazy pages 10m
- E2E clickthrough: login → dashboard → logout 10m

Token restore + expiry handling Est. 45 min

- On app mount: read token, decode exp, set auth 15m
- If expired: clear token, push to login 10m
- Axios: attach Authorization header interceptor 10m
- 401 response: auto-logout + toast 10m

Login/Register polish

Goal: spec-grade forms

Accessibility & UX Est. 35 min

- Add labels + `aria-invalid` 10m
- Add "show password" toggle with `aria-pressed` 10m
- Keyboard focus order + Enter submits 15m

Tue • Nov 11 | Focus: Navbar + Footer + Home/About

Shared Layout

Goal: persistent nav & footer

Navbar implementation

Est. 60 min

- Create `components/layout/Navbar.tsx` 10m
- Add links: Home, Projects, Gratitude, Admin*, Profile 10m
- Show "Login/Register" for guests, "Logout" for auth 10m
- Mobile menu with disclosure button 15m
- Theme toggle, user avatar initials 15m

Footer implementation

Est. 30 min

- Create `components/layout/Footer.tsx` with logo + year 10m
- Add contact links + social placeholders 10m
- Ensure contrast + small screens fit 10m

Marketing Pages

Goal: Home + About per spec

Home page content

Est. 40 min

- Hero: headline + sub + CTA Login/Register 15m
- Insert real text and images (no lorem ipsum) 15m
- Add favicon + set `<title>` 10m

About page

Est. 35 min

- Explain app goals + tech + how to use 15m
- Add diagram/screenshot section 10m
- Responsive spacing + headings 10m

Wed • Nov 12

Focus: Dashboard summary

Dashboard

Goal: fetch & render stats

GET /dashboard/summary integration

Est. 45 min

- Create `services/dashboard.ts` client 10m
- Call in `/dashboard` page via `QueryProvider` 10m
- Render cards: Projects, Tasks, Gratitude count 10m
- Empty states for zero data 15m

UX polish

Est. 25 min

- Skeletons while loading 10m
- Error boundary: retry button 15m

Thu • Nov 13

Focus: Projects list UI

Projects

Goal: list & basic interactions

GET /projects list

Est. 40 min

- Create `services/projects.ts` 10m
- List component with cards 15m
- Empty state CTA "Create Project" 15m

Project detail route shell

Est. 25 min

- Create `/projects/:id` page file 10m
- Header with project name + back link 15m

Fri • Nov 14

Focus: Project create/edit/delete

Projects

Goal: full CRUD + toasts

ProjectForm + POST

Est. 55 min

- Create modal `ProjectForm` + `RHF` 15m
- Title required, description optional 10m
- Submit → POST `/projects` → refetch list 15m
- Toast success/error 15m

PATCH & DELETE

Est. 45 min

- Edit button → prefill → PATCH 15m

- Delete button → confirm dialog → **DELETE** 15m
- Visual optimistic removal or **refetch** 15m

Sat • Nov 15 Focus: Tasks module

Tasks

Goal: list + status toggle

GET/POST /tasks Est. 50 min

- Service file `services/tasks.ts` 10m
- List by project id filter 15m
- Create task inline form (title req) 15m
- Toast + clear field on success 10m

Toggle status + delete Est. 35 min

- Checkbox → PATCH completed 10m
- Delete icon → **DELETE** task 10m
- Filter: All / Active / Done 15m

Sun • Nov 16 Focus: Gratitude Boxes CRUD

Gratitude

Goal: create/list/favorite

Boxes list + create Est. 55 min

- Service `services/gratitude.ts` 10m
- List boxes with `createdAt` 15m
- Form: title required, note optional 15m
- POST → **refetch** + toast 15m

Favorite toggle + favorites page Est. 45 min

- Heart icon → PATCH favorite 10m
- Create `/favorites` page to show liked 20m
- Empty state + unfavorite action 15m

Mon • Nov 17 Focus: Search + Filters + Views

Browse & Filters

Goal: spec #20-#21

Search field Est. 30 min

- Add search input to Projects and Gratitude 15m
- Client-side filter by title/text 15m

Filter & View modes Est. 45 min

- Filters: date, status (for tasks), favorites (boxes) 20m
- View toggle: grid ↔ list 15m
- Persist view mode in `localStorage` 10m

Tue • Nov 18 Focus: Dynamic detail pages

Details

Goal: spec #14

Project detail view Est. 40 min

- GET `/projects/:id` and render meta 15m
- Show tasks subset + link "view all tasks" 15m
- Responsive layout fixes 10m

Gratitude detail view Est. 35 min

- GET `/gratitude/:id` and render note 15m
- Favorite toggle present here too 10m
- Back to list link 10m

Wed • Nov 19 Focus: Profile page

Profile

Goal: edit self data

GET/PUT /users/me Est. 50 min

- Form: name, bio, avatar URL 15m
- Preview avatar (fallback initials) 10m
- PUT save + toast + optimistic UI 15m
- Validation + a11y labels 10m

Change password modal Est. 35 min

- New password schema (same rules) 10m
- Submit → PUT /users/me/password 15m
- Reset form + toast 10m

Thu • Nov 20 Focus: Admin panel (roles)

Admin

Goal: users table + role change

Users table Est. 45 min

- GET /users list (admin only) 15m
- Columns: name, email, role, actions 15m
- Pagination or infinite scroll (simple) 15m

Role change + delete Est. 40 min

- Action to toggle role user/admin 15m
- Delete user with confirm 15m
- Toasts + refetch 10m

Fri • Nov 21 Focus: Responsive & theming consistency

UI Polish

Goal: mobile-first pass

Spacing & typography tokens Est. 35 min

- Normalize headings and body sizes 15m
- Consistent gaps on lists/forms 10m
- Check color contrast in dark/light 10m

Breakpoints check Est. 30 min

- ≤400px, 768px, 1024px layout checks 15m
- Fix overflows and wrap text 15m

Sat • Nov 22 Focus: Error states & global handling

Reliability

Goal: clean console, robust UX

Global error boundary Est. 30 min

- Create AppErrorBoundary 10m
- Friendly message + “Reload app” 10m
- Wrap router provider 10m

Console hygiene Est. 25 min

- Remove all stray console.log 10m
- Fix warnings from React + TS 15m

Sun-Fri • Nov 23-28 Focus: Deep QA across modules

Cross-Module QA

Goal: cover all flows

Auth robustness Est. 90 min

- Expired token → redirect to login 15m
- Missing token on protected pages 15m
- Slow network spinners verified 10m
- Login failure retries UX 10m
- Logout clears all state 10m
- E2E: register→login→dashboard→logout 30m

Projects + Tasks + Boxes Est. 120 min

- CRUD success and failure paths 30m
- Validation errors surfaced per field 20m
- Favorites sync across pages 20m

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- Filters and view modes persist 20m
- Detail pages render all required data 30m

Accessibility & responsiveness sweep Est. 80 min

- Keyboard navigation on all forms 20m
- Alt text present on all images/icons 15m
- Color contrast check (dark/light) 15m
- iPhone SE / Pixel 7 / iPad widths 30m

Sat-Mon • Nov 29 – Dec 1 Focus: Final polish + microfixes

Polish

Goal: production feel

Microfixes and UX details Est. 120 min

- Consistent button styles + hover/active 20m
- Form helper text and limits 20m
- Empty states illustrations/text 20m
- Route transitions feel smooth 20m
- Error messages human and concise 20m
- Remove dead code and TODOs 20m

Tue • Dec 2 Focus: Docs + screenshots

Documentation

Goal: submission-ready

README updates Est. 60 min

- Root README: features, tech, run steps 20m
- Client README: env, scripts, pages 20m
- Screenshots added to /docs 20m

Spec checklist Est. 40 min

- Mark each spec item #1–#21 done/NA 20m
- Note any “bonus” features present 20m

Wed • Dec 3 Focus: Build + final test

Release

Goal: clean build

Production build Est. 40 min

- `npm run build` Client passes 10m
- Serve preview and clickthrough flows 20m
- Final console scan for warnings 10m

Tag + push Est. 20 min

- Tag `v1.0-mvp` 5m
- Push `main` and tag to origin 5m
- Create release notes (short) 10m

Thu • Dec 4 • Deadline Focus: Submit

Submission

Goal: deliver per instructions

Final submission steps Est. 30 min

- Verify repo excludes `node_modules` 5m
- Ensure README includes env instructions 10m
- Submit Git repo link as required 15m

► Notes and tips