OnlyBruins Project Timeline

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TA: Yuxing Qui, Section 1A

Pre-Week 4 (Already Completed)
- Provision infrastructure (rent a Hetzner instance, buy domain, and configure Cloudflare DNS to onlybruins.com)
- Design mockups for UI (made with HTML+JS+CSS)
- Decide on frameworks (React, Chakra UI)
- Create GitHub repository, share with all team members

Week 4
- Finalize and submit Project Proposal and Schedule
- Figure out how to use react-infinite-scroll-component
- Install basic dependencies (Node, TypeScript, Postgres) and document steps
- Learn how to run the backend (simple app.ts that can serve HTML and JS files)
- Create API endpoint that returns fake post data for frontend testing
- **Milestone: home feed frontend showing (fake) posts**

Week 5-6
- OnlyBruins API specification v0.2.0
- Preliminary database schema (a diagram, not .sql)
- Connect to Postgres from the Node.js server
- Write API endpoints for login
- Figure out how to implement HTTPS
- Implement frontend login and profile pages
- **Milestone: working login flow and "My Profile"**

Week 7-8
- OnlyBruins API specification v1.0.0
- Implement database schema and document how to initialize database
- Implement image uploading and storage on the filesystem
- Design OnlyBruins logo (Figma)
- **Milestone: users can create a post with an image**

Week 9-10
- Create and practice presentation
- Add final cosmetic touches to project
- Present!