🗂️ Next.js Full Roadmap (Hindi + Time Duration)

⏱️ Week 1: Prerequisites & Basics of Next.js

📅 Duration: 5-7 Days

✅ Topics:
- HTML, CSS, JavaScript (ES6+)
- React Basics:
    - Components, Props, State
    - useEffect, useState
    - JSX, React Router (basic idea)
- Create React App vs Next.js

✅ Goals:
- React ka basic revision
- Next.js project banana using `npx create-next-app`

⏱️ Week 2: Next.js Fundamentals

📅 Duration: 7 Days

✅ Topics:
- File-based Routing (`pages/`)
- Dynamic Routes (`[id].js`)
- Catch-all Routes (`[...slug].js`)
- `Link` and `useRouter` for navigation
- Static Assets (`public/`)
- CSS Styling:
    - CSS Modules
    - Global CSS
    - Tailwind (optional)

🎯 Practice Idea:
- Simple blog site with 3-4 pages

⏱️ Week 3: Data Fetching + API Handling

📅 Duration: 7 Days

✅ **Topics:**

- `getStaticProps`
- `getServerSideProps`
- `getStaticPaths`
- Client-side data fetching (SWR / useEffect)
- API Routes (`pages/api/`)
- Environment Variables

🎯 **Practice Idea:**

- Blog with dynamic content from fake API (e.g., JSONPlaceholder)

⏱️ **Week 4: Advanced Features + App Router (Next.js 13+)**

📅 Duration: 7-10 Days

✅ **Topics:**

- App Directory vs Pages Directory
- Layouts, Templates, Nested Routing
- Server Components vs Client Components
- Loading/Error States
- Middleware (`middleware.ts`)
- Image Optimization (`next/image`)
- Fonts Optimization (`next/font`)

🎯 **Practice Idea:**

- Portfolio site using App Directory

⏱️ **Week 5: Auth + Deployment + CMS**

📅 Duration: 7 Days

✅ **Topics:**

- Authentication using `next-auth`
- Role-based access (Admin/User)
- Deployment on Vercel
- CMS Integration (e.g., Sanity, Strapi)
- SEO Optimization (`next/head`)
- Custom `_app.js` , `_document.js`

🎯 **Practice Idea:**

- Dashboard app with login/logout, protected routes

⏱️ Week 6: Performance, Testing, TypeScript

📅 Duration: 7 Days

✅ Topics:
- TypeScript setup in Next.js
- Dynamic Imports
- Bundle Optimization
- Lighthouse performance check
- Unit Testing with Jest & React Testing Library
- E2E Testing (Playwright/Cypress – optional)

🎯 Final Project Idea:
- Full-stack eCommerce or Job board using Next.js + any backend (Node, Firebase, etc.)

📌 Tools & Libraries to Learn Alongside:
- Tailwind CSS or Styled Components
- Axios or Fetch API
- Zustand / Redux (for state)
- Prisma / Supabase / Firebase (for database)
- SWR or React Query (for data fetching)