

HRMS Project Development Roadmap - Bilal Raza

STEP 1: Basic Setup

- React + Node.js ka folder ready kar (MERN Stack)
- MongoDB Atlas pe ek database setup kar
- Tailwind CSS ya MUI React me laga le (design ke liye)

STEP 2: Users Samajh Le

- Super Owner (tu khud): Sab companies ka control
- Company Admin: Apni company ka control
- HR: Employees manage kar sakta hai, revenue nahi
- Employee: Sirf apna data, attendance, leave etc

STEP 3: Modules Decide Kar Le

- /BilalRaza = Public Homepage
- Company request form
- Owner Dashboard (requests + companies)
- Invite system (secure link)
- Company registration (2 step form)
- /BilalRaza/CompanyName = Company login page + job apply
- Role-based dashboard
- Attendance, Leave, Payroll etc (baad me)

STEP 4: Auth System Flow

- Har user login karega = JWT token milega
- Token me companyId + role hoga
- Dashboard open hoga role ke hisaab se

STEP 5: Pages Banayein Ye Order Me

1. /BilalRaza = Homepage with login + request form
2. /dashboard = Owner dashboard
3. /invite/:token = Company registration (2 step form)
4. /BilalRaza/:companyName = Company login + job apply
5. /company-dashboard = Role-based dynamic dashboard

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STEP 6: Role Based Access Table

Admin:

- Full access (revenue, invite, fire, control)

HR:

- No revenue access, invite only HR/employee, fire

Employee:

- Sirf apna data dekh sakta hai, attendance, leave apply

STEP 7: Invite System Flow

1. Company request bhejti hai
2. Tu dashboard me approve karta hai
3. Email se invite link jata hai
4. Link open karne pe 2 step form aata hai = company register hoti hai

Pro Tip

- Ek step complete kar ke test karo, fir next step pe jao
- Flow follow karte jao confusion nahi hoga
- Jab kahin ruk jaye to mujhe bas bata dena