Account Creation

User signs up and a new account record is created in the database.

Mark the new user's status as onboarding_incomplete (or store an onboarding_step value like step1).

Onboarding Sequence

Present the onboarding steps (candidate onboarding, onboarding form, offerletter, id card generation) in a defined order.

After each step, persist the user's current step in the database/session so progress is saved.

Conditional Dashboard Access

Dashboard remains hidden/locked until the onboarding is fully completed.

Once the final onboarding step is done, update the user status to onboarding_complete and allow dashboard access.

Session Timeout / Logout Handling

If the user logs out or the session expires mid-onboarding, their last completed step is already saved in the database.

Re-Login Logic

On login, check the user's onboarding_status or onboarding_step.

If status is onboarding_incomplete, redirect the user back to the saved step instead of the dashboard.

If status is onboarding_complete, redirect to the dashboard.

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1. Candidate Flow (User View)
Onboarding Journey

(Covers all steps up to ID card generation; must be completed before dashboard access.)

Homepage: Two options – Create Account or Sign In.

Account Creation & sign in

New users select Create Account and fill out the registration form.

On success → redirected to Sign In.

After sign in→ onboarding sequence begins automatically.

Onboarding Form page

Capture full profile, bank details, emergency contacts, and required documents.

On save → step marked complete → redirect to Offer Letter page

Offer Letter page

Admin uploads candidate-specific PDF offer letter.

Candidate downloads, signs offline, and re-uploads.

On successful upload → step marked complete → redirect to ID Card page

ID Card Generation page

System generates candidate's ID card (PDF/image) using stored data.

Once displayed → onboarding flagged COMPLETE.

Auto-logout triggered after short countdown.

Post-Onboarding (Future Logins)

If onboarding_status = COMPLETE → candidate goes straight to Dashboard.

If onboarding_status ≠ COMPLETE → login resumes at the last incomplete step

Candidate Dashboard

Accessible only after onboarding is complete.

Shows basic info and profile photo with limited editing right like oboarding form edit and this candidate must be modern and professional.

Onboarding page, offerletter, id card generation page hidden permanently after completing all above steps going forward it will directly redirect to candidate dashboard if all the above steps are completed fully.

2. High-Level UI Flow

Homepage → Create Account / Sign In

Sign Up success → redirect to Sign In

Sign In logic:

If onboarding form, offer letter, id card generation page redirect to → Dashboard

Else → /onboarding/step-{saved}

Onboarding steps: /onboarding/ Onboarding page, offerletter, id card generation page

After offer letter (ID card) → auto logout → redirect to /signin

3. State & Persistence

Each candidate's progress stored in DB:

onboarding_step Onboarding page, offerletter, id card generation page

onboarding_status (NOT_STARTED, IN_PROGRESS, COMPLETE)

Rules:

Each completed step updates both fields.

Progress persists across logout/session expiry.

Login routing logic:

If incomplete → resume from onboarding_step.

If complete → direct to candidate dashboard.

4. Roles & Access

CANDIDATE – follows onboarding steps.

ADMIN – seeded account(s), always bypass onboarding → Admin Dashboard.

5. Admin Dashboard Capabilities

Metrics: totals, incomplete vs complete, pending offers, ID cards generated.

Candidate Management:

Search, filter, paginate, quick view.

View full candidate details.

Edit info.

Upload/replace offer letter.

Download signed documents.

Trigger ID-card regeneration.

Impersonate candidate (if enabled).

Extra Controls: mark onboarding status, reset steps, export (CSV/Excel), audit logs.

Security: RBAC + optional 2FA.

6. Core Database Model

Field Purpose
id Primary key
email (unique) Login credential
password_hash Secure auth
role CANDIDATE / ADMIN
onboarding_status NOT_STARTED / IN_PROGRESS / COMPLETE
onboarding_step 0–4 (last completed)
offer_letter_uploaded Boolean
offer_letter_url File link
id_card_generated Boolean
last_step_completed_at Timestamp
created_at / updated_at Audit fields

Other Tables:

OnboardingAnswers – JSON or per-question rows

Files/Docs – id, user_id, type, url, uploaded_at, uploaded_by

AuditLog – id, user_id, admin_id, action, details, timestamp

7. Suggested API Endpoints

Auth

POST /api/auth/register

POST /api/auth/login

POST /api/auth/logout

Onboarding

GET /api/onboarding/step

POST /api/onboarding/step/{1..4}

Offer Letter

GET /api/offer-letter

POST /api/offer-letter/upload

ID Card

POST /api/idcard/generate

Admin

GET /api/admin/candidates

GET /api/admin/candidates/:id

POST /api/admin/candidates/:id/offer

POST /api/admin/candidates/:id/impersonate

(All endpoints enforce auth + role-based access.)

8. Frontend Routes

/ → Homepage

/signup → Create Account

/signin → Login (with routing by status)

/onboarding/step-1..4

/dashboard → Candidate Dashboard

/admin → Admin Dashboard

9. Session & Logout

Save progress to DB after each step.

After ID card generation → immediate logout + session/cookie cleared.

this steps are Onboarding page, offerletter, id card generation page only done while creating account and this redirects should work after clicking on submit you can check the details above it should work as that check the full project and implement this all aove and create a account on your own and test the full project till end i give you full access make this work