CareNow Integration – Deployment Checklist

1 Prerequisites

- Node.js 20+
- NPM or PNPM
- Running Appwrite server
- SMTP credentials for email
- Twilio credentials for SMS (optional)
- React frontend (Vite/React project)

2 Environment Variables

Create a .env file with the following:

VITE_APPWRITE_ENDPOINT=http://localhost/v1
VITE_APPWRITE_PROJECT=your-project-id
VITE_APPWRITE_DATABASE=default
VITE_APPWRITE_API_KEY=your-appwrite-api-key
SMTP_HOST=smtp.example.com
SMTP_USER=your-email@example.com
SMTP_PASS=your-password
TWILIO_SID=your-twilio-sid
TWILIO_AUTH_TOKEN=your-twilio-auth-token
TWILIO_PHONE_NUMBER=+1234567890

3 Appwrite Function Setup

1. Go to Appwrite Console → Functions → Create Function
2. Name: appointmentNotifications
3. Runtime: Node.js 20
4. Add code from functions/appointmentNotifications/index.js
5. Add SMTP/Twilio environment variables
6. Enable triggers: document.create and document.update on appointments collection
7. Deploy the function

4 Frontend Setup

1. Install dependencies: react-toastify, react-calendar
2. Add ToastContainer in App.tsx or main.tsx
3. Use components:
   - PatientNotifications in patient dashboard
   - AppointmentCalendar in admin dashboard
   - Search/filter inputs on admin appointments page

5 Production Notes

- Remove any local test scripts
- Ensure environment variables are correct in production
- Verify Appwrite function triggers are active
- Admin dashboard supports realtime updates, search, filter, calendar
- Patients receive realtime toast notifications for appointment status changes
- Email/SMS notifications should be tested before going live

6 Deployment Checklist

- [ ] .env configured correctly
- [ ] Appwrite Function deployed and triggers enabled
- [ ] Frontend dependencies installed
- [ ] ToastContainer added to app root
- [ ] Components added and tested (calendar, notifications)
- [ ] Test email/SMS notifications
- [ ] Test real-time updates for admin and patient dashboards