

PG/Flat Booking Website Installation and Deployment Guide

1. Prerequisites:

- Node.js and npm installed (v14 or higher recommended)
- MongoDB installed and running locally or use MongoDB Atlas
- Razorpay account with API keys
- Mapbox account with access token

2. Installation Steps:

```
PORT=5001
MONGO_URI=mongodb://localhost:27017/pgflatbooking
JWT_SECRET=your_jwt_secret_key
RAZORPAY_KEY_ID=your_razorpay_key_id
RAZORPAY_KEY_SECRET=your_razorpay_key_secret
MAPBOX_ACCESS_TOKEN=your_mapbox_access_token
```

3. Deployment Instructions:

- Use services like Heroku, Vercel, or DigitalOcean for deployment
- Set environment variables on the hosting platform
- Use MongoDB Atlas for production database
- Configure domain and SSL certificates
- Deploy backend and frontend separately or as a monorepo
- Use process managers like PM2 for backend
- Monitor logs and performance

4. Marketing Tips:

- Use social media platforms like Facebook, Instagram, Twitter
- Use Google Ads and SEO techniques
- Collaborate with local PG/flat owners for promotions
- Offer referral discounts and promotions
- Collect user feedback and improve continuously

5. Support and Maintenance:

- Regularly update dependencies and fix bugs
- Backup database regularly
- Provide user support channels
- Monitor security and patch vulnerabilities

Thank you for using the PG/Flat Booking Website!