

# WORK UPDATE

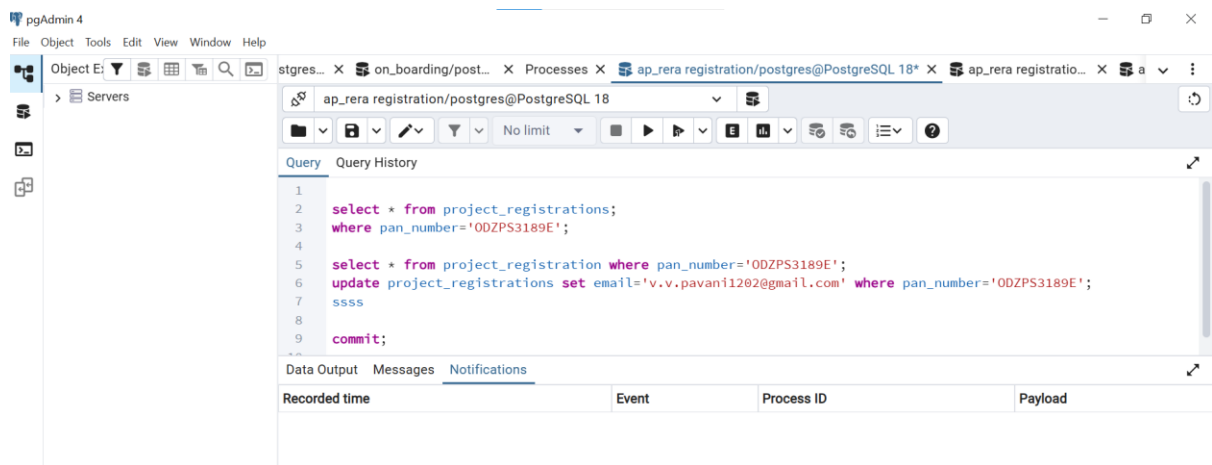
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Date: 18-2-2026

## Extension Payment Flow Implementation

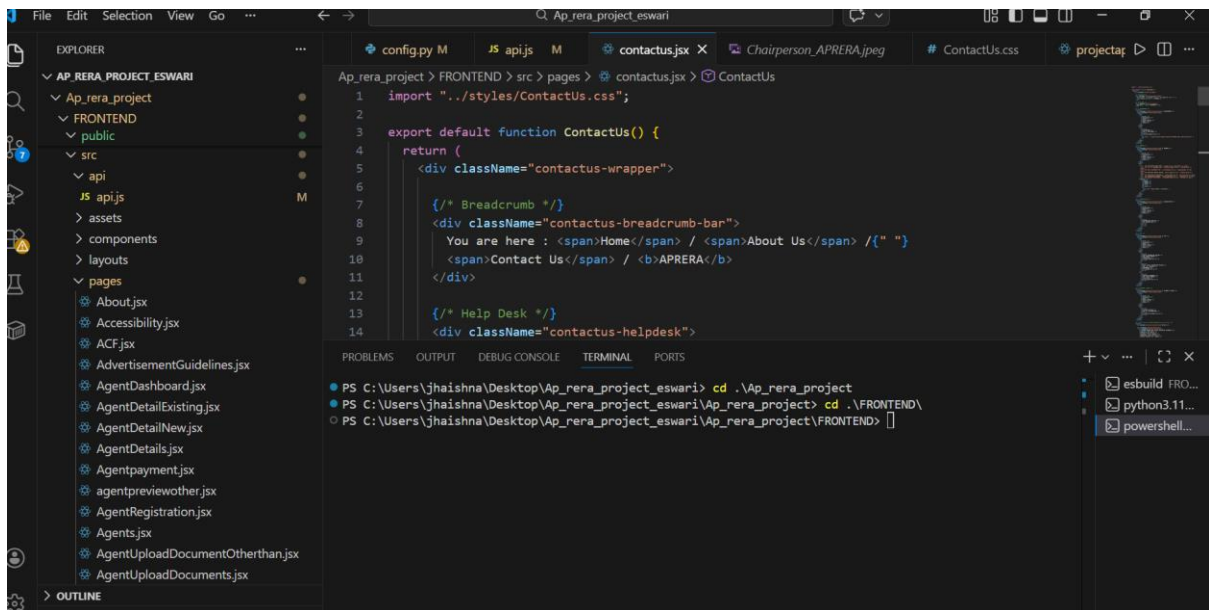
### Module: Extension Payment Page

Today, I implemented the complete Extension Payment workflow with dynamic project data integration. The payment page receives project data from the previous page using React Router useLocation() state passing mechanism. The following functionalities were implemented:



- Dynamic transaction ID generation using Date.now()
- Dynamic date formatting using toLocaleDateString("en-GB")
- Secure data passing from ExtensionPaymentPage to Certificate page
- Payment gateway selection using radio buttons
- Conditional rendering of payment action box

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- Success popup modal implementation

The navigation after successful payment includes:

- projectData
- transactionId
- paymentDate

All values are passed via router state.

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## Certificate Page Data Binding & Logging

### Module: Certificate Page

The Certificate page was updated to dynamically receive and render project details from the Extension Payment page.

Technical updates:

- Implemented useLocation() hook at component level
- Extracted router state safely using optional chaining
- Added console logging for debugging data flow
- Added fallback condition if projectData is undefined
- Ensured no hook misuse inside functions

Data received:

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- application\_number
- promoter\_name
- promoter\_mobile
- transactionId
- paymentDate

Print functionality implemented using window.open() and custom A4 CSS.

PDF download implemented using html2pdf.js with proper configuration.

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### **Supporting Document Validation Enhancement**

#### **Module: Project Application Details Page**

Implemented PDF-only file validation logic for all supporting document uploads.

Enhancements:

- Removed alert-based validation
- Implemented inline error message display
- Used index-based file error state tracking
- Prevented non-PDF file submission
- Cleared invalid file input automatically

Validation logic:

```
if (file.type !== "application/pdf")
```

Error message displayed:

"This file should be in PDF format only"

Styled error text in red below respective file input.

Ensured all file inputs are validated before form submission.

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### **Routing & Navigation Improvements**

#### **Router Configuration Enhancements**

Fixed routing issues in App.jsx:

- Corrected spelling error in Extensionpaymentpage route

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- Converted route paths to lowercase
- Ensured consistent navigation path usage
- Verified no route mismatch in console

Correct Route:

/extensionpaymentpage

Navigation tested from:

- OTP Login Page
- Partial Applications Page
- Extension Payment Page
- Certificate Page

Successfully validated full end-to-end flow:

OTP → Partial Applications → Project Application → Payment → Certificate →  
Print/Download

No console errors after correction.