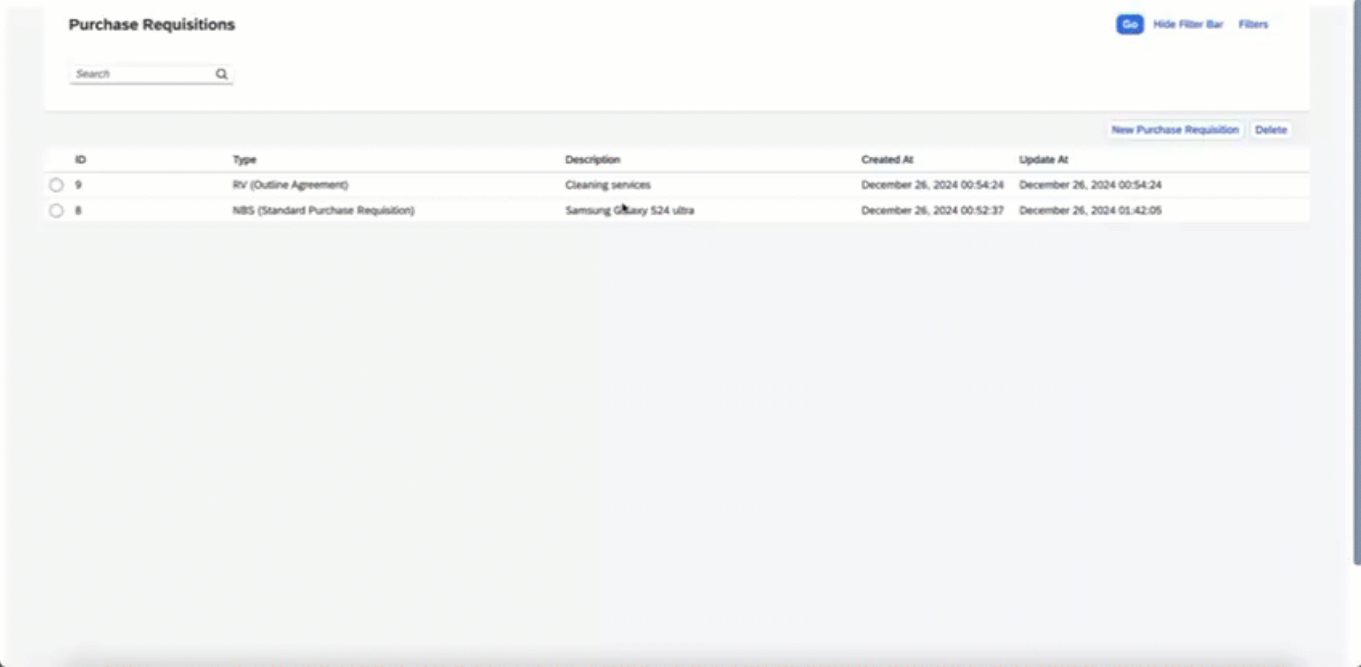


Manage Purchase Requisition

Manage Purchase Requisition application that enable users to View, Create and Update requisitions.

Demo:



Technical Details:

- Backend: Rails
- Database: Postgres
- Frontend: ReactJs
- Styling: UI5 web components for React

Deployment Strategy:

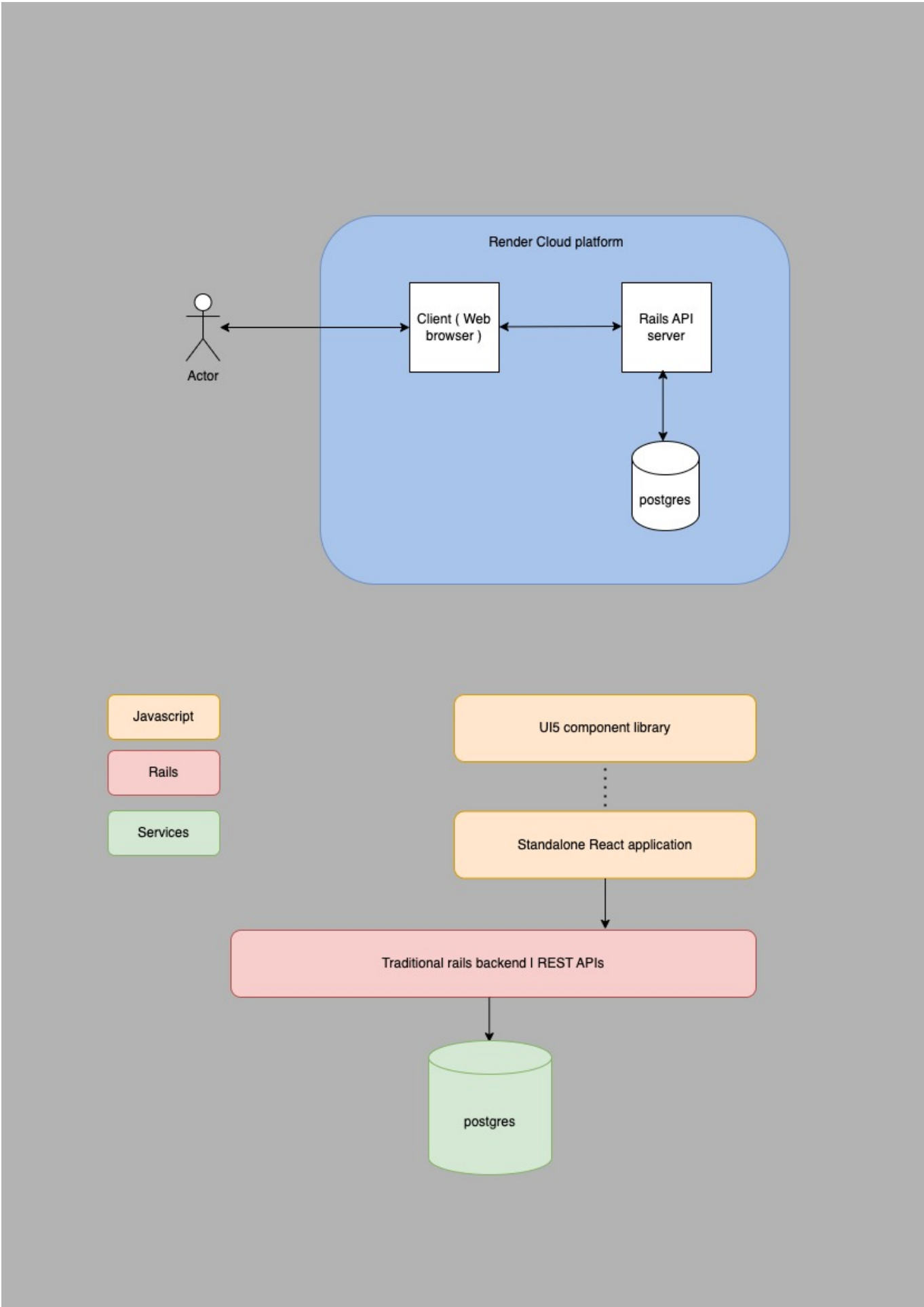
This app is deployed to [Render](#), a cloud application platform which provides a free database instance.

Features:

- Upon opening the app, user views the list of Purchase Requisitions, From this page, user can
 - Create a new Requisition
 - Delete an existing Requisition
 - Search the requisitions
 - Navigate to details of requisition
- Users can add items to the new items to existing Requisitions
- **Validations:**

- If user tries to create a requisition with Description less than 10 characters then an error is thrown and field is highlighted
- If user tries to create a requisition with type 'ZNB' then an authorization error is shown.
- **Determinations:**
 - Based on requisition type, the description is determined and saved in DB
 - Based on quantity and unit price, the total price is calculated.

Architecture



Note for contribution:

- Before merging to main, below command should be executed to build the react application. The initial route from rails will load the index page of react app.

```
npm run build --prefix manage-pr-app && rsync -av --ignore-existing manage-pr-app/build/ public/
```

- The changes merged to main will automatically trigger the deployment on render.