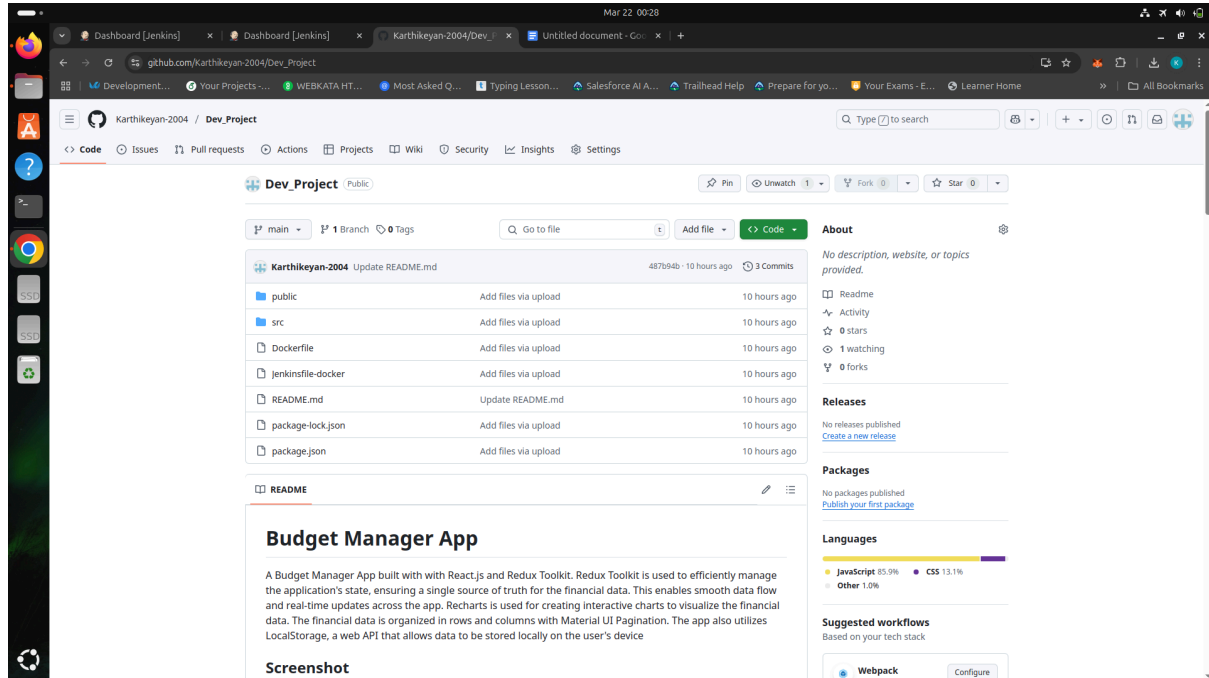


# Expense tracker (ReactJS)

[https://github.com/Karthikeyan-2004/Dev\\_Project](https://github.com/Karthikeyan-2004/Dev_Project)



## Configure - Pipeline

```
pipeline {
  agent any
  tools {
    jdk 'java21'
    nodejs 'Node23'
  }
  stages {
    stage('Clean Workspace') {
      steps {
        script {
          echo "Cleaning workspace..."
          deleteDir() // Deletes everything in the Jenkins workspace before starting
        }
      }
    }
    stage('Git Checkout') {
      steps {
        script {
          git branch: 'main',
            credentialsId: 'github_secured',
            url: 'https://github.com/Karthikeyan-2004/Dev_Project.git'
        }
      }
    }
  }
}
```

```

    }
  }
}

stage('Install Node') {
  steps {
    script {
      sh """
      if [ -f package.json ]; then
        echo "package.json found. Running npm install..."
        npm install
      else
        echo "ERROR: package.json is missing. Skipping npm install."
        exit 1
      fi
      """
    }
  }
}

stage('Docker Build & Push') {
  steps {
    script {
      withDockerRegistry(credentialsId: 'docker', toolName: 'docker') {
        def imageName = "karthikeyanr17/project"
        def tag = "latest"

        sh "docker build -t ${imageName} ."
        sh "docker tag ${imageName} ${imageName}:${tag}"
        sh "docker push ${imageName}:${tag}"
      }
    }
  }
}

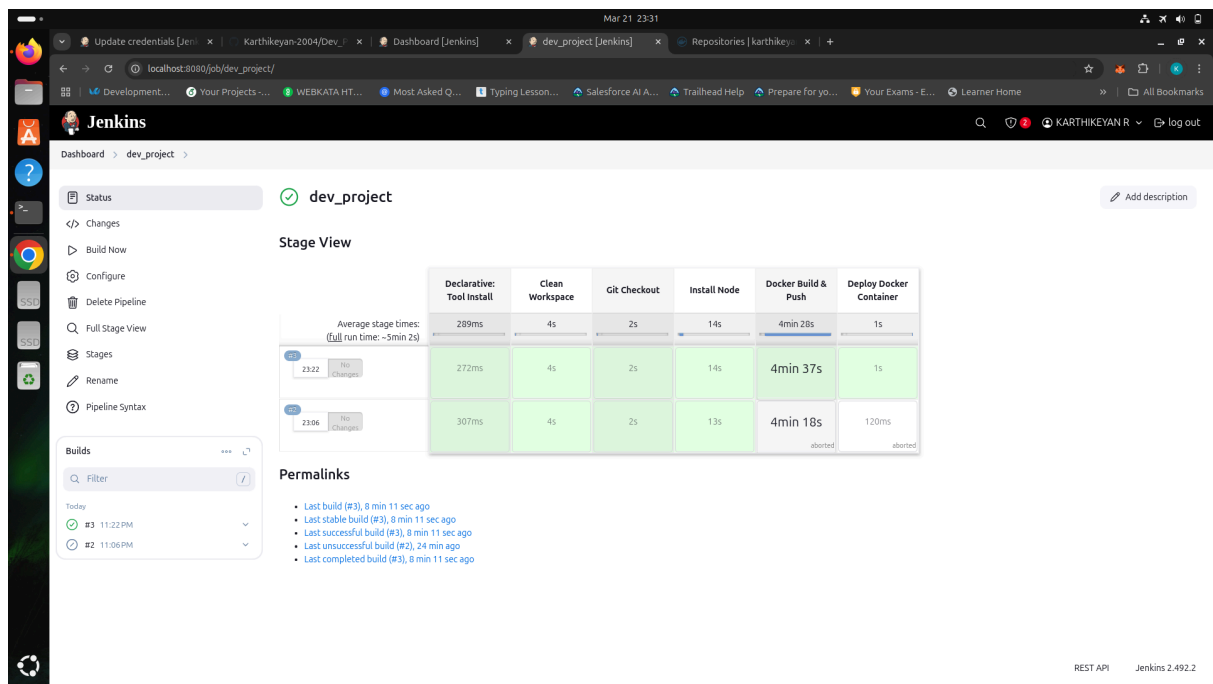
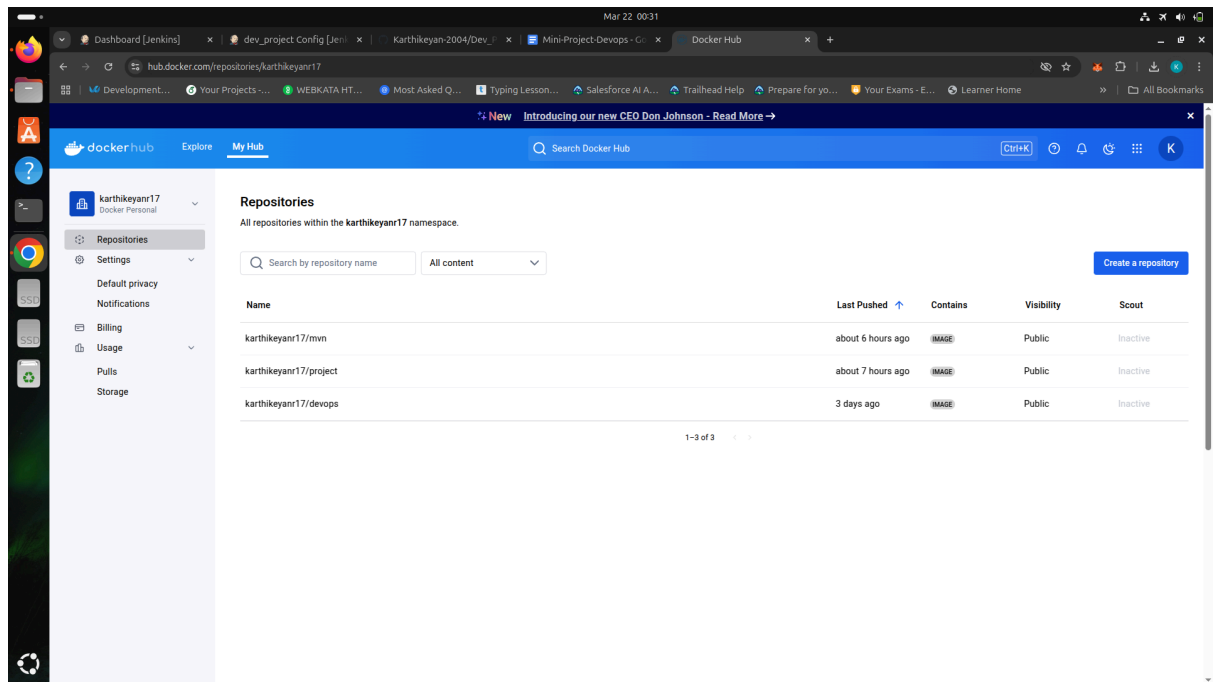
stage('Deploy Docker Container') {
  steps {
    script {
      // Stop and remove the existing container if it's running
      sh "docker stop devops_container || true"
      sh "docker rm devops_container || true"

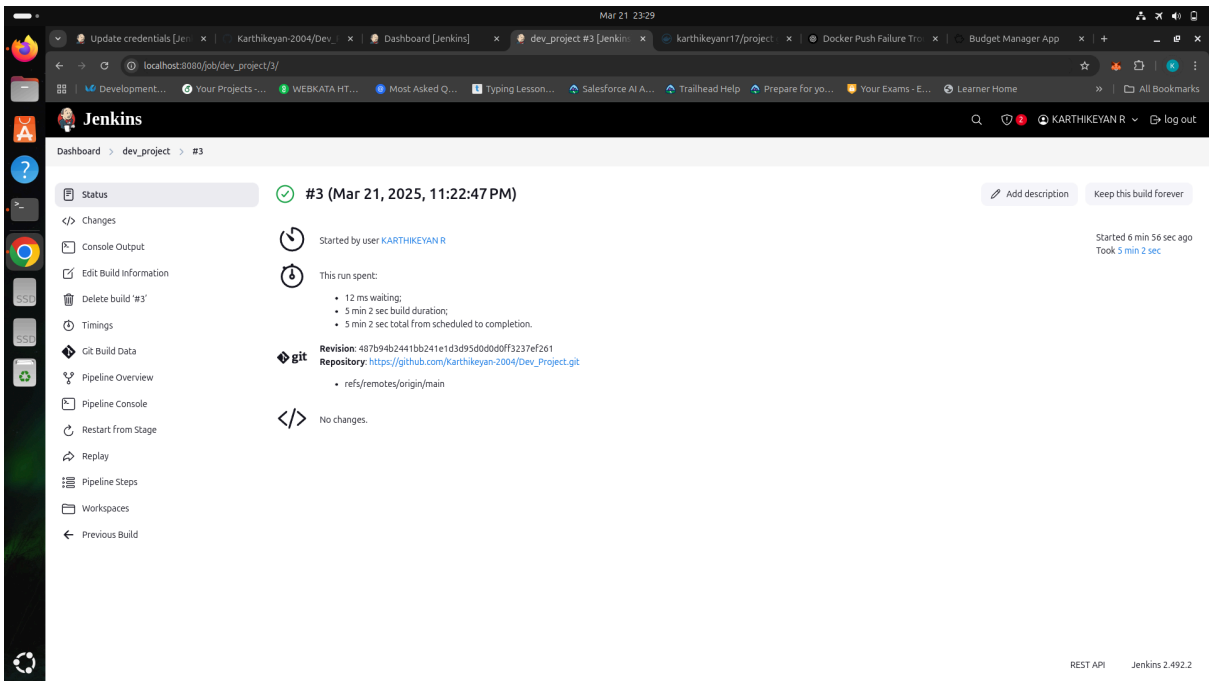
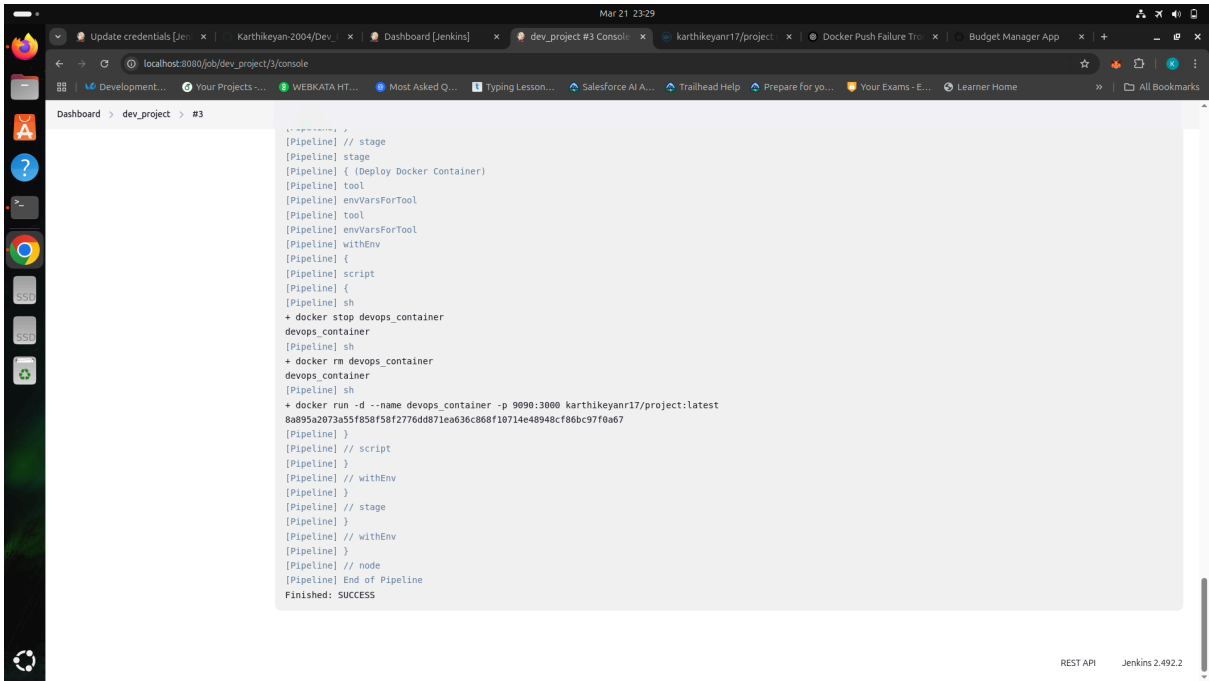
      // Run the new container
      sh "docker run -d --name devops_container -p 9090:3000
      karthikeyanr17/project:latest"
    }
  }
}
}

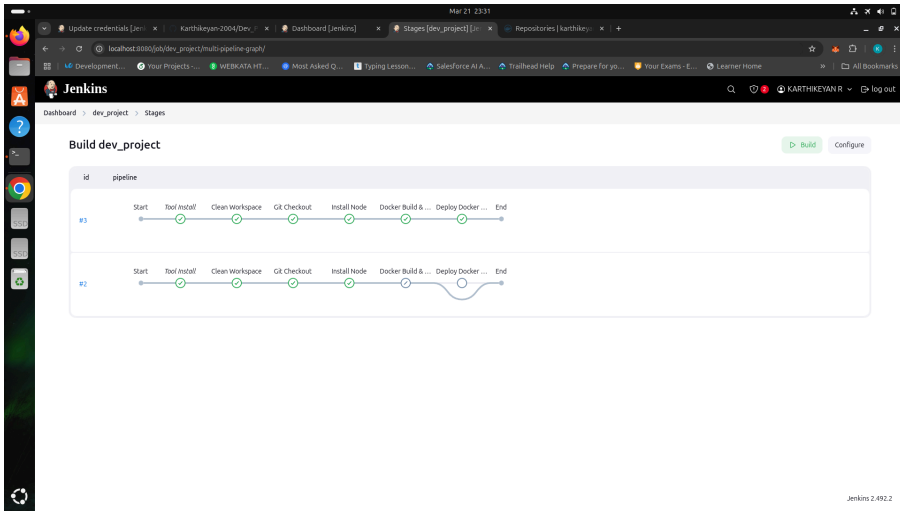
```

}

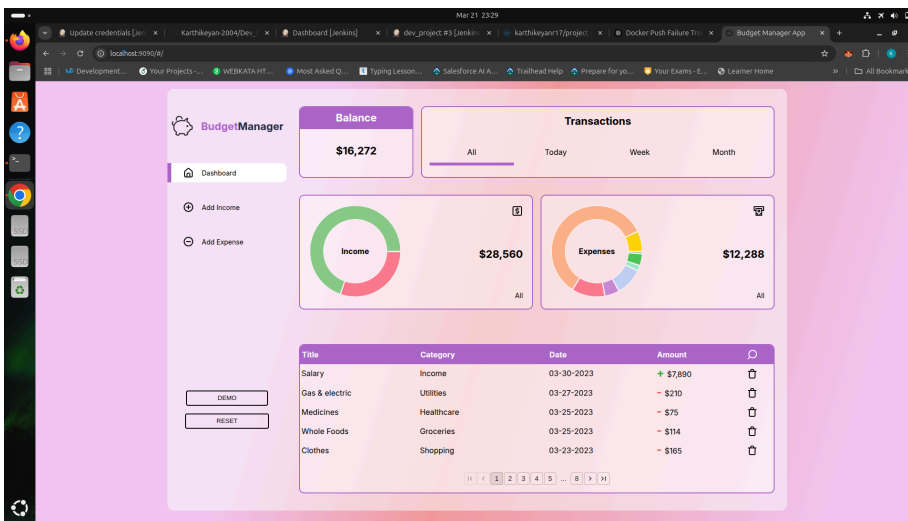
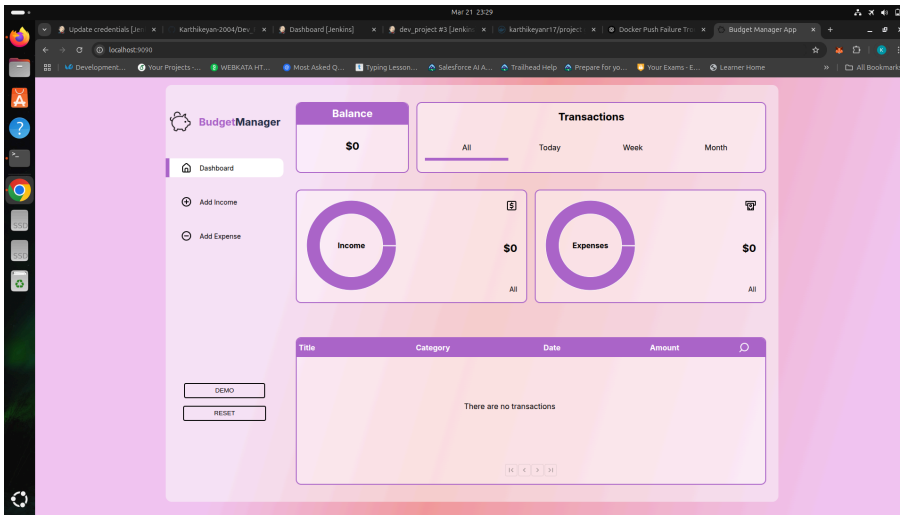
}

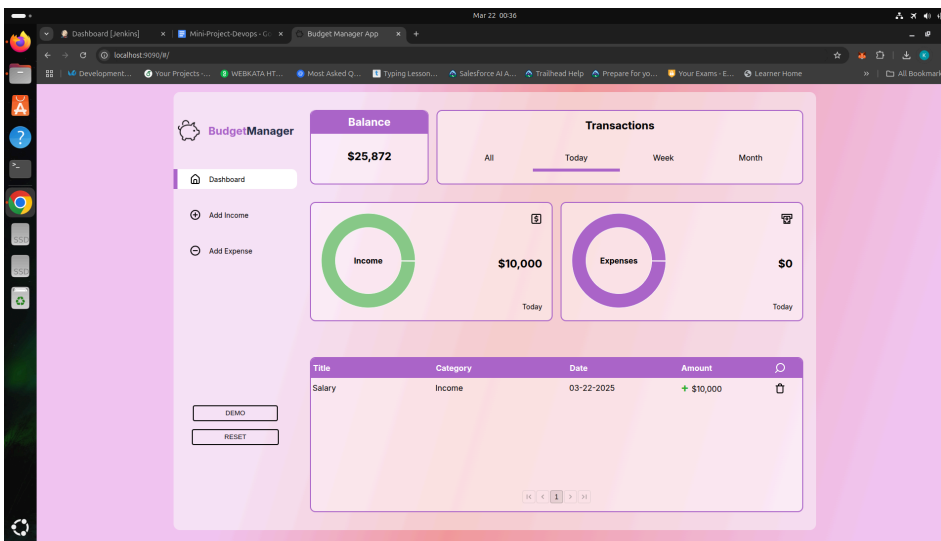
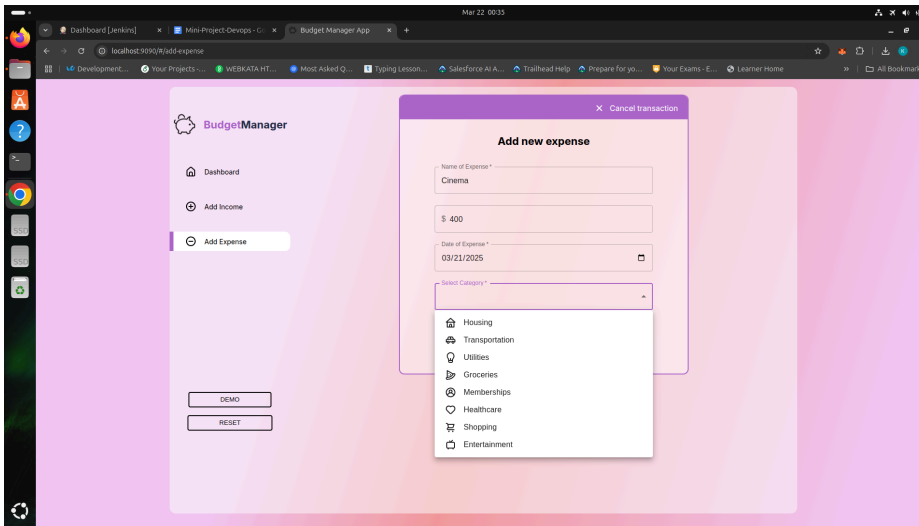
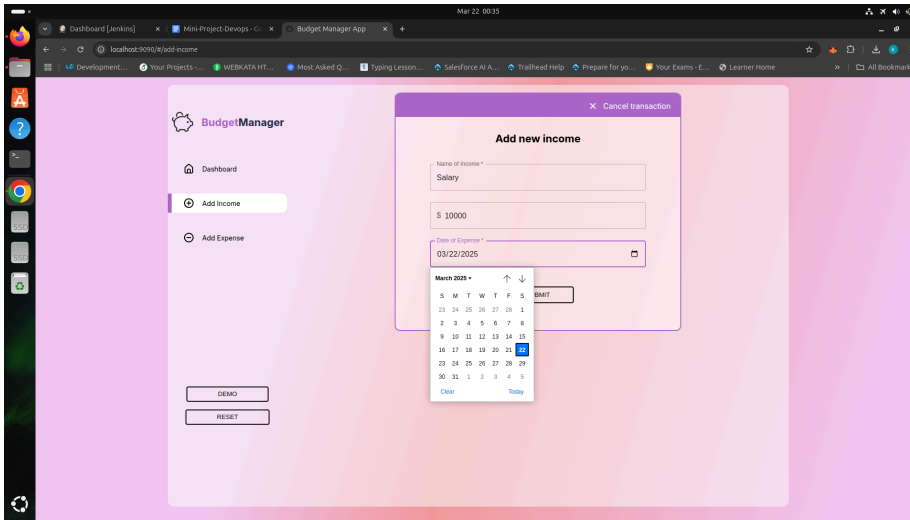


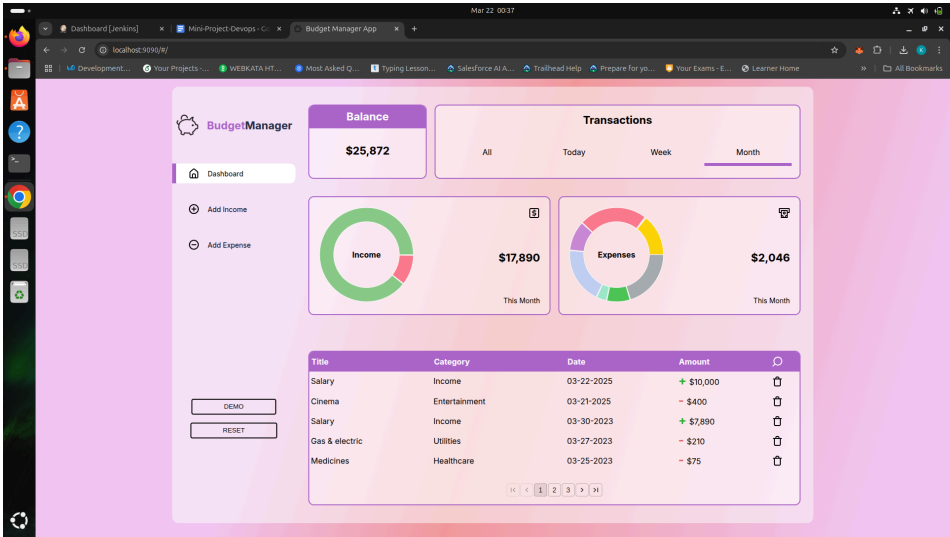
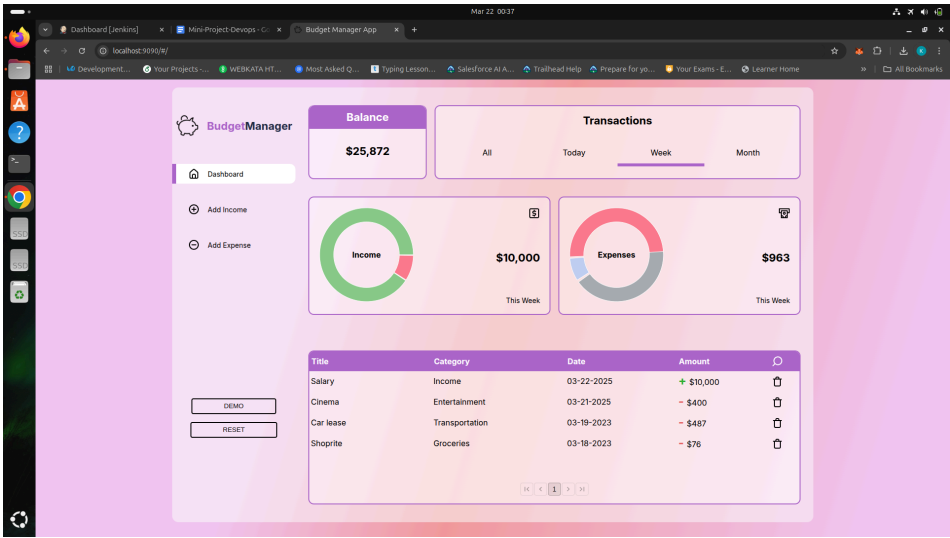




http://localhost:9090







Dashboard [Jenkins] x Mini-Project Devops - C x Jenkins x

localhost:8080

Development... Your Projects... WEBKATA HT... Most Asked Q... Typing Lesson... Salesforce AI A... Trailhead Help... Prepare for yo... Your Exams - E... Learner Home

**Jenkins**

Dashboard

+ New Item

Build History

Project Relationship

Check File Fingerprint

Manage Jenkins

My Views

Build Queue

No builds in the queue.

Build Executor Status

(0 of 2 executors busy)

Icon: S M L

REST API Jenkins 2.493.2

S	W	Name	Last Success	Last Failure	Last Duration
✓	🔥	dev_project	1 hr 5 min #3	N/A	5 min 2 sec
✓	🔥	docker_task	2 days 22 hr #9	N/A	7 min 35 sec
✓	🔥	mvn_pipeline	44 min #6	N/A	3 min 12 sec
✓	🔥	nginx_pipeline	3 days 6 hr #4	N/A	10 sec