

Invoice generator with payment integration:

- Team Number :ZOCC_DS_10
- Team Lead :Y. Sunaina
- Project Title : Invoice generator with payment integration

Tech Stack

Frontend (User Interface):

- **Framework:** React.js / Next.js (for SEO and SSR benefits)
- **UI Library:** Tailwind CSS / Material-UI / Ant Design
- **State Management:** Redux Toolkit / React Query
- **Form Handling:** Formik + Yup (for validation)
- **PDF Generation:** JSPDF / react-pdf

Backend:

- **Language:** Node.js with Express.js / Python with Django
- **Database:** PostgreSQL / MySQL (for relational data)
- **ORM:** Prisma (for Node.js)
- **Authentication:** JWT / OAuth2 (Google, GitHub login)
- **Payment Integration:** Stripe / PayPal

Infrastructure & DevOps

- **Hosting:** Vercel (for frontend) / AWS, DigitalOcean, or Render (for backend)
- **Storage:** AWS S3 / Firebase Storage (for invoice PDFs)
- **CI/CD:** GitHub Actions / Docker

Invoice generator with payment integration:

Development Team

- 2300030752-Y.Sunaina

-2300031461-D.Bhavani

-2300033874- ChinnamalliReddy Gari Keerthana Reddy

Front-End Developer-

2300030752-Y.Sunaina

Responsibilities

Build the user interface (UI) with a focus on usability and responsiveness.

1. UI/UX Design
2. State Management & Data Handling

Back-End Developer

2300031461-D.Bhavani

2300033874-

ChinnamalliReddyGariKeerthanaReddy

Responsibilities:

1. API Development & Business Logic
2. Authentication & Security
3. Database Management

Design Team

2300030752-Y.Sunaina

2300031461-D.Bhavani

UI/UX Designer

- Responsibilities: Develop a clean and responsive interface using **React.js / Next.js** and Implement **dark mode** and theme customization if needed.

Invoice generator with payment integration:

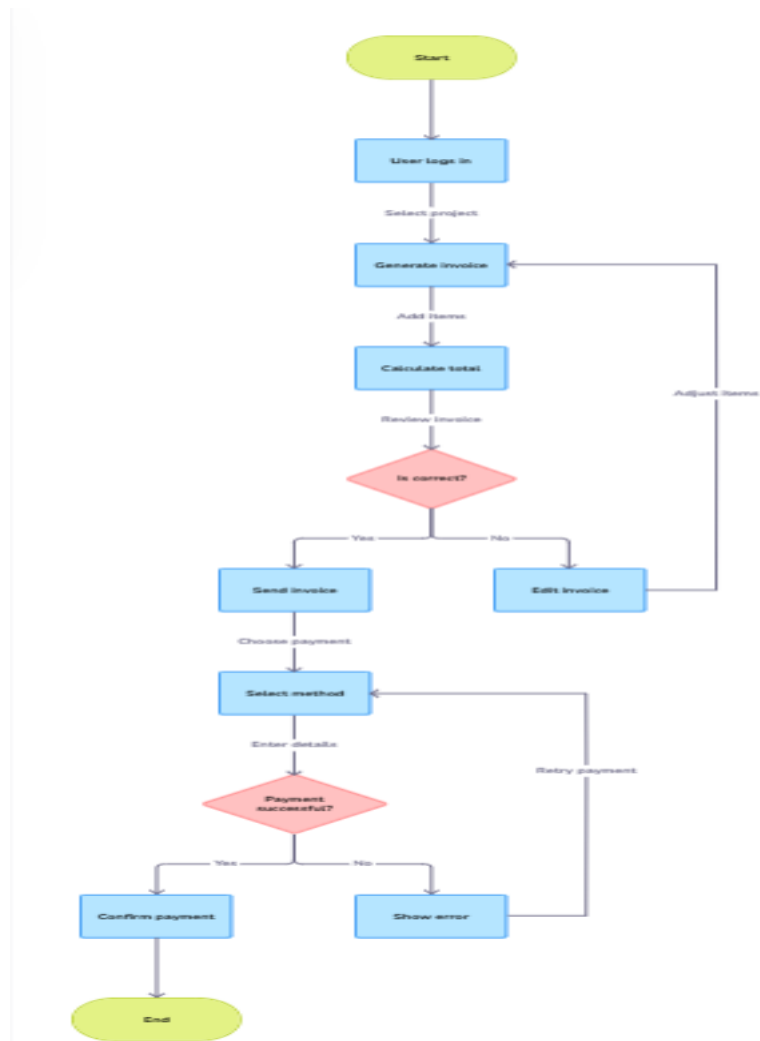
Support Team

2300032290-E.Sri Vardhini

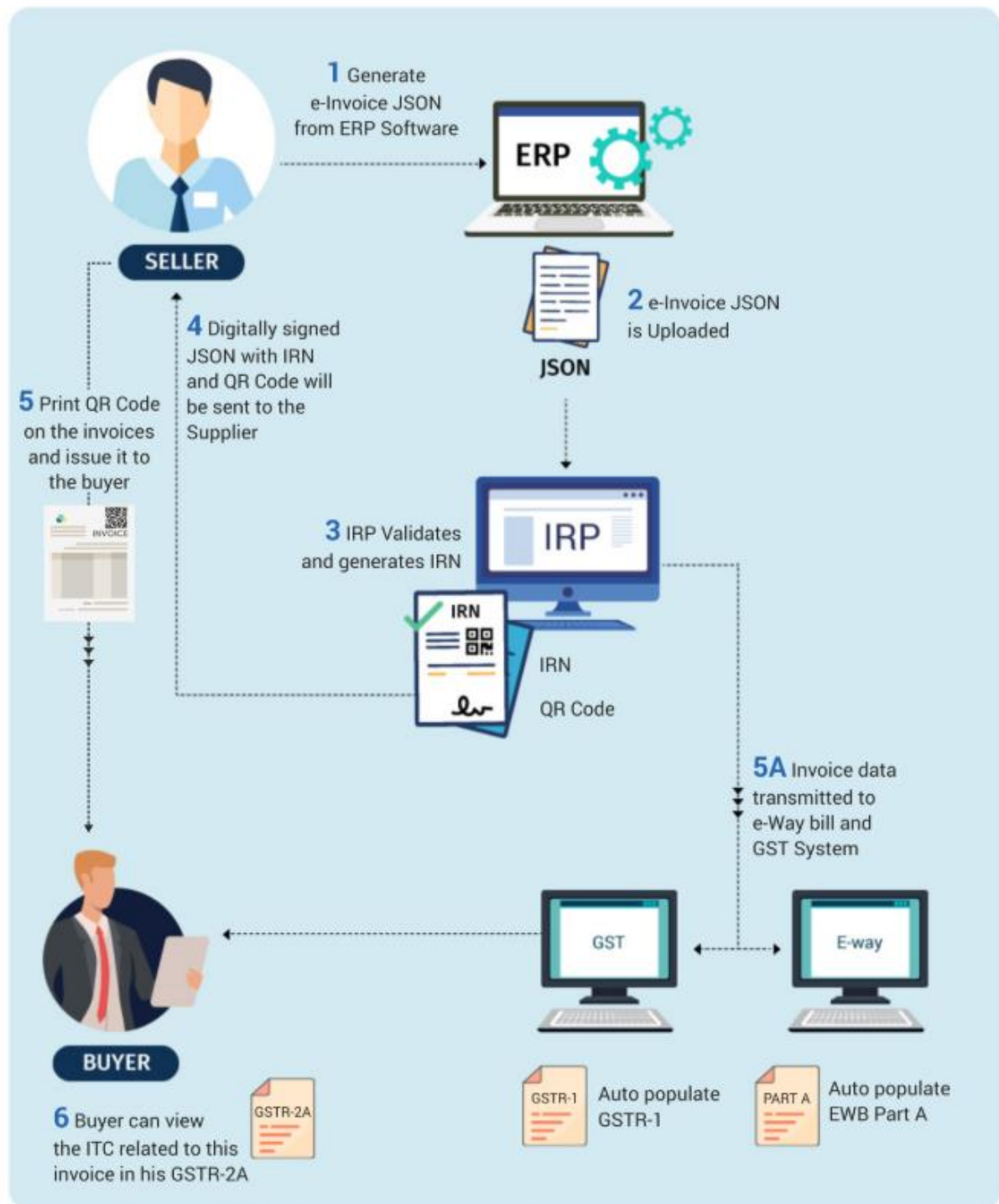
2300032880-M.Ashwini

Responsibilities: Set up Stripe, PayPal, Razor pay, or Square APIs and Handle secure transactions & fraud prevention.

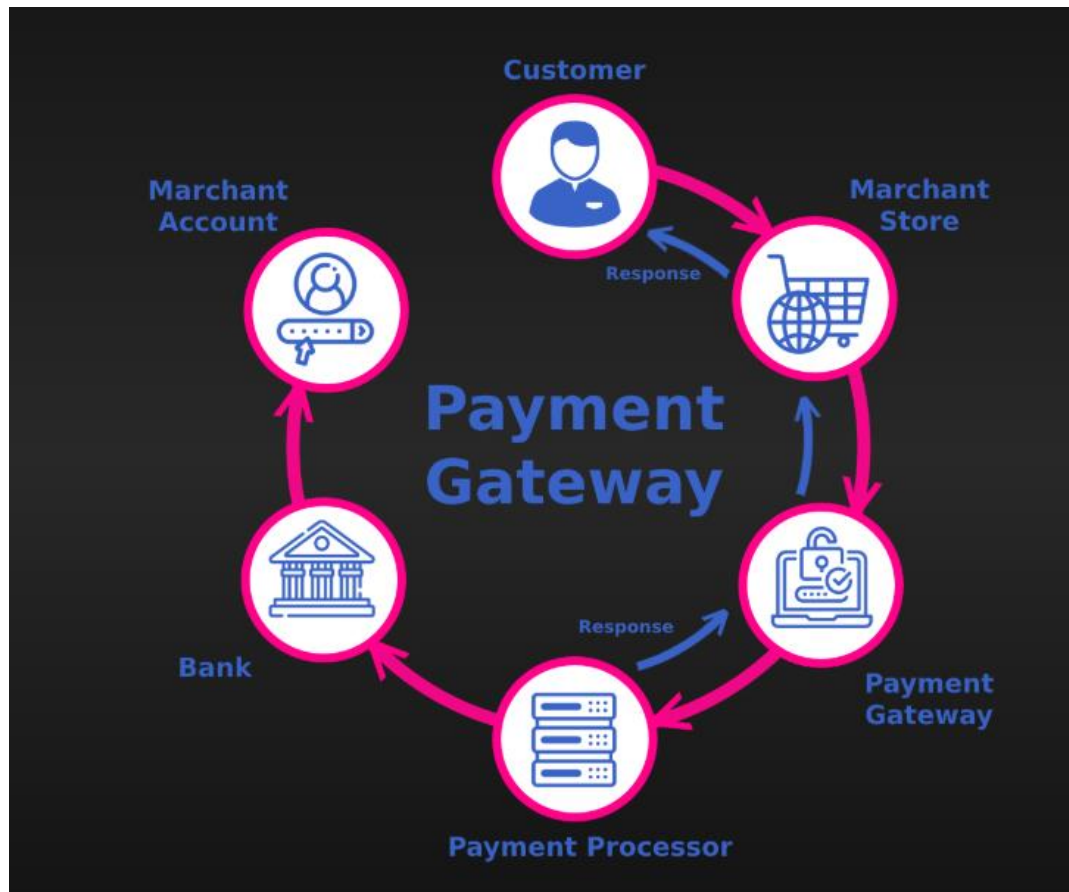
A project flow representation



Invoice generator with payment integration:



Invoice generator with payment integration:



1. User Registration & Login
2. Creating a New Invoice
3. Generating & Storing Invoice PDF
4. Sending Invoice via Email
5. Client Receives Invoice & Initiates Payment
6. Payment Processing & Confirmation

Invoice generator with payment integration:



Project Setup*

1. Assemble the Team
2. Select the Tech Stack
3. Design Architecture
4. Set Up Development Environment
5. Plan the Development Cycle

Invoice generator with payment integration:

Functional Landing Page :

- Hero Section – Catchy headline & call to action.
- Features Section – Highlights invoice generation & payment integration.
- How It Works Section – Step-by-step process.
- Testimonials Section – User feedback.
- Pricing Section – Subscription plans.
- Call to Action (CTA) – Sign-up & try for free.

