A TechnoTackle Case Study

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Project Title
Compass Tex

Type of Business
Garments Manufacturing and Supply

Type of Document
Case Study

Scope Of Work
IT Service, Development and Maintenance

Website URL
Explore Website

Deliverables
ERP (Web Application) , Admin Panel

Tech Stack
React JS, Node JS, MUI, postgreSQL



* Please note that certain screenshots in the case study are presented with dummy data for illustrative purposes. The information depicted is not real but serves to demonstrate the functionality of the application.

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Client Accolade

In the past, before we started collaborating with Techno Tackle, we faced significant issues with our previous development team regarding flexibility and understanding our requirements, as well as challenges in moving forward and thinking ahead. Additionally , we have a software product that we developed internally to manage and control the process chain.

However, since starting with Techno Tackle, we have worked closely with their flexible team and they have understood our needs and spent time creating a product tailored to us, without insisting on limitations.

Working closely with Techno Tackle has allowed us to enhance features in our existing product.Also , We are excited to further develop the product with Techno Tackle, building on the outstanding support they have provided so far. Overall, it has been a great experience working with Techno Tackle and we hope to take this collaboration to the next level.

To watch the video testimonial



Mr Mohan

General Manager

Compass Tex

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About the client company

- COMPASS TEX is a leading global supplier of fashion innovation, operating across India, Germany, Turkey, Bangladesh, Vietnam and Australia. Renowned as the #1 innovator in circular knit fabrics, the company provides end-to-end services from concept and design to production and logistics.

For more information, visit **www.compasstex.com**



COMPASS TEX





COMPASS TEX

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Client's needs

The client approached Techno Tackle to implement additional features and enhance the functionality of their existing ERP application, seeking improved efficiency and better alignment with their business needs and expectations.

- **ERP enhancement:** The client needed enhancements to their existing ERP application, which manages their entire business process from order intake to product shipment.
- **Feature additions and bug fixes:** The client required new features and bug fixes to adapt the ERP system to evolving business needs.
- **Ongoing support and maintenance:** The client also required ongoing support and maintenance for their software applications.



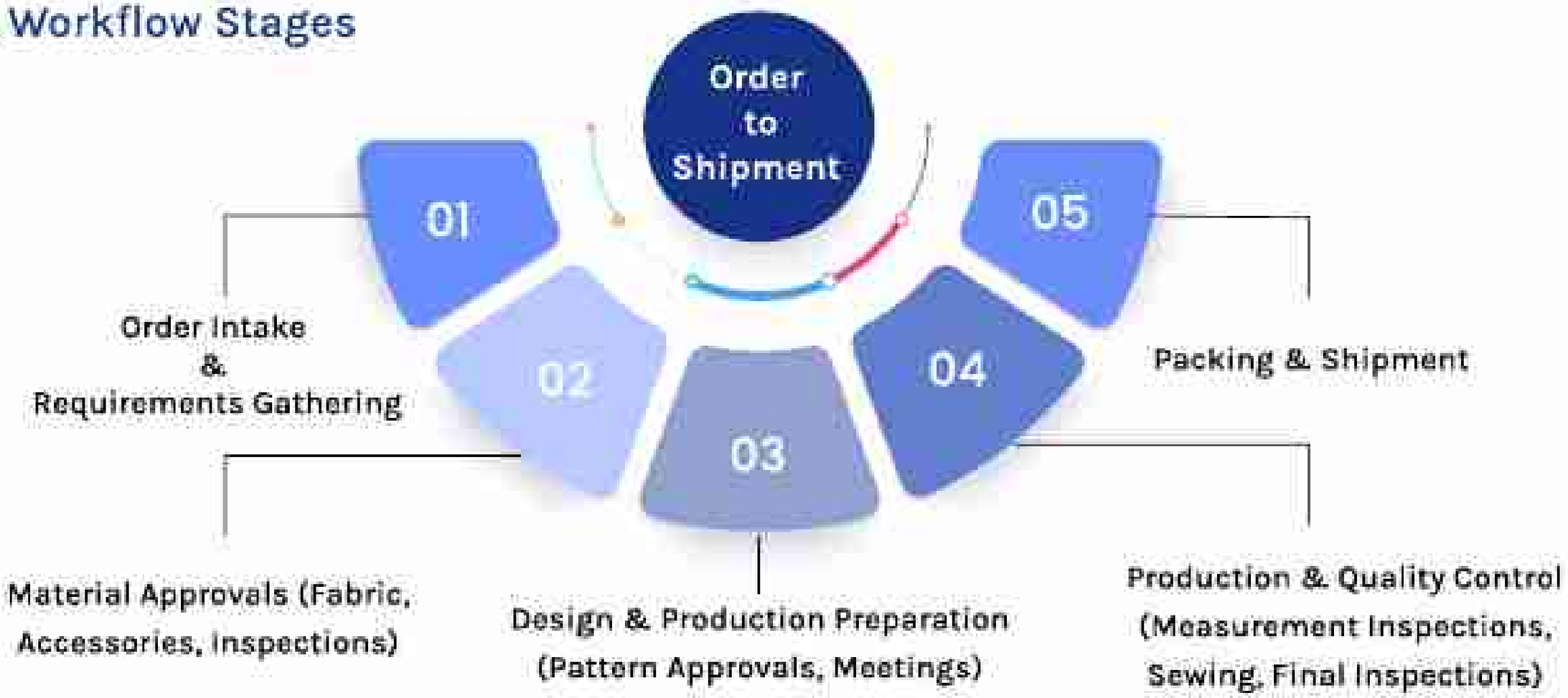
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Client Business Process Framework

The client uses a structured business process, managed within an ERP system, to ensure high quality apparel delivery. The system also includes an admin panel for manipulating ERP application and controlling the application.

Key Workflow Stages



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The Solution

We understood the client's requirements and their existing ERP application and provided solutions to meet their needs in the form of bug fixes and change requests.

Major Change Requests -

- The **dashboard** has been restructured to track and display leads (sample orders), confirmed apparel orders and the activities involved in processing them.
  - The data can be filtered by criteria such as customer details, production location and more.
  - Dashboard displays the complete order history based on the applied filters, including the processing location, the current activity stage, the person in charge, as well as orders that are in process, completed, in progress and in the pipeline as well as orders that have exceeded their actual deadline.



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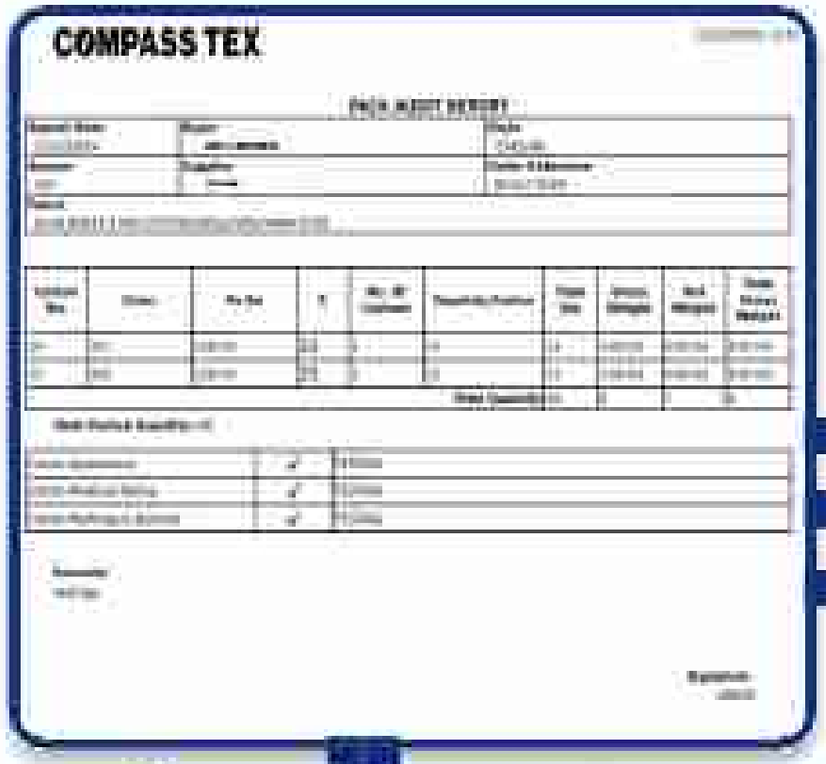
The Solution

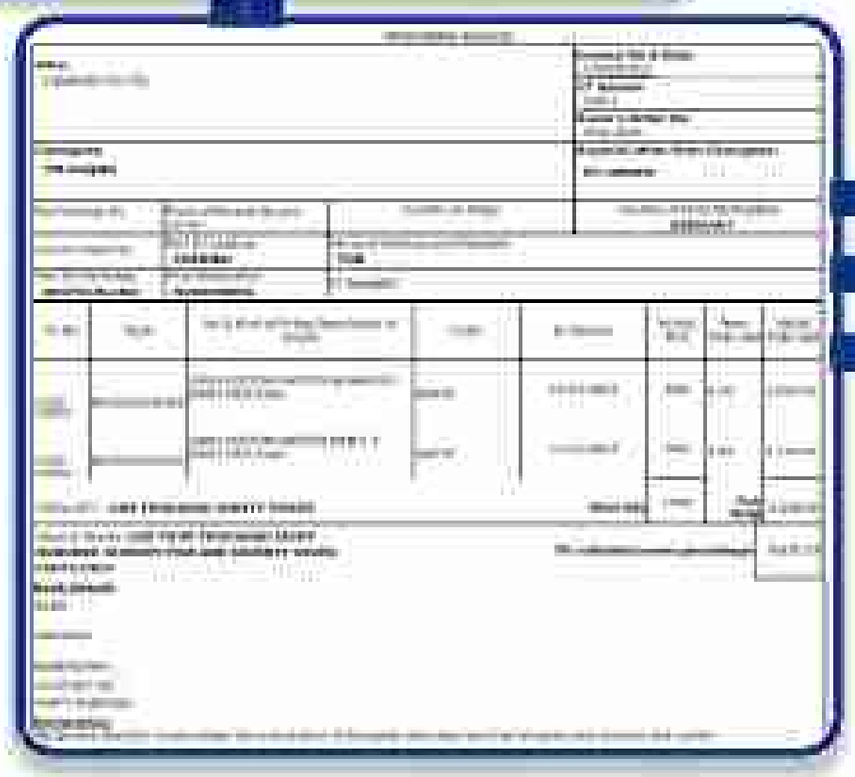
- **Flexible order modifications** - each apparel order includes details like quantities in different colors, with separate entries for each style and color. Specific styles or colors can be canceled without affecting the entire order, ensuring the rest of the order is processed smoothly.

- **Proforma Invoice** (preliminary bill of sale) feature implemented.

- **Pack Audit Report** has been created to record and track packing details which include buyer information, carton numbers, total cartons packed, quantity of apparel pieces per carton and both gross and net weights. The report can be downloaded as a PDF for reference.

- **Reports** have been implemented to help management track performance, quality of internal business processes and activities related to manufacturing, supplying and customer claims.



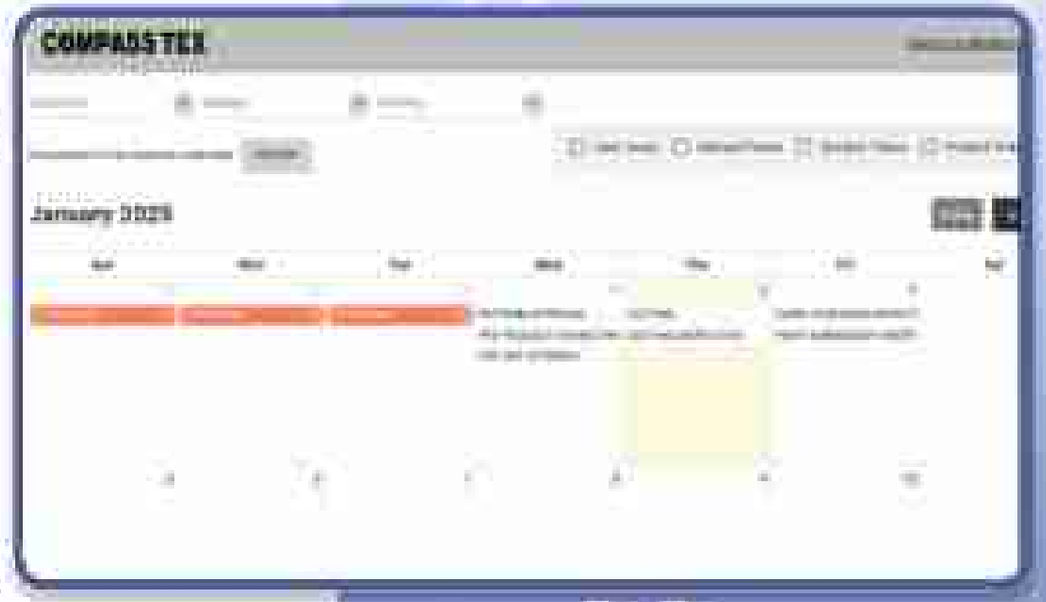


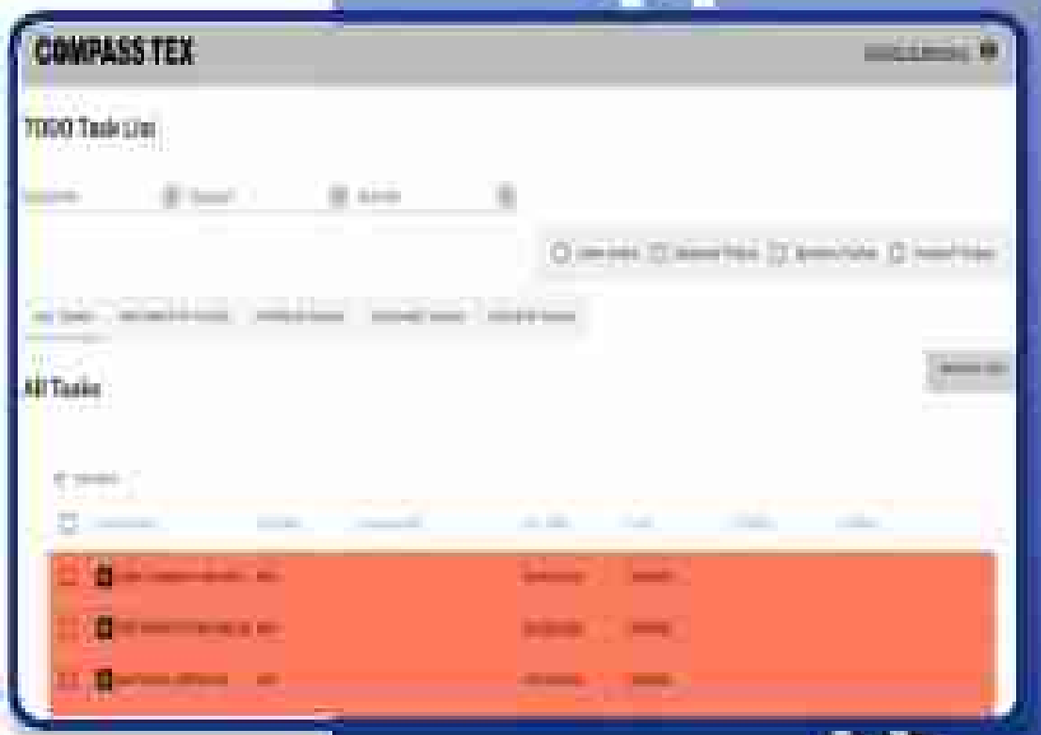
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The Solution

- The **calendar** functionality has been restructured to display the following data based on user roles and applied filters:
  - Internal order activities assigned to all users
  - Internal order activities assigned to individual users
  - Tasks manually assigned to all users or individual users
  - Manual tasks assigned to individual users or groups are integrated with their respective Outlook accounts and reminder emails are sent
- A feature for managing **manual to-do tasks** has been implemented, including:
  - Manual to-do task creation and assignment to users
  - Role-based viewing (all to-do tasks or individual user to-do tasks, pending and total tasks)
  - Data visualization (chart format)





The Solution

- **Settings** feature in the admin panel (used by the admin to manage and monitor the front-end web application) has been restructured to control the display of data on the dashboard, send reminder emails for pending tasks and log the user's last logged-in time in the web application.

  Besides the requested changes, we implemented additional features in the ERP application and admin panel, along with analyzing, resolving and deploying bug fixes as part of ongoing maintenance and support.





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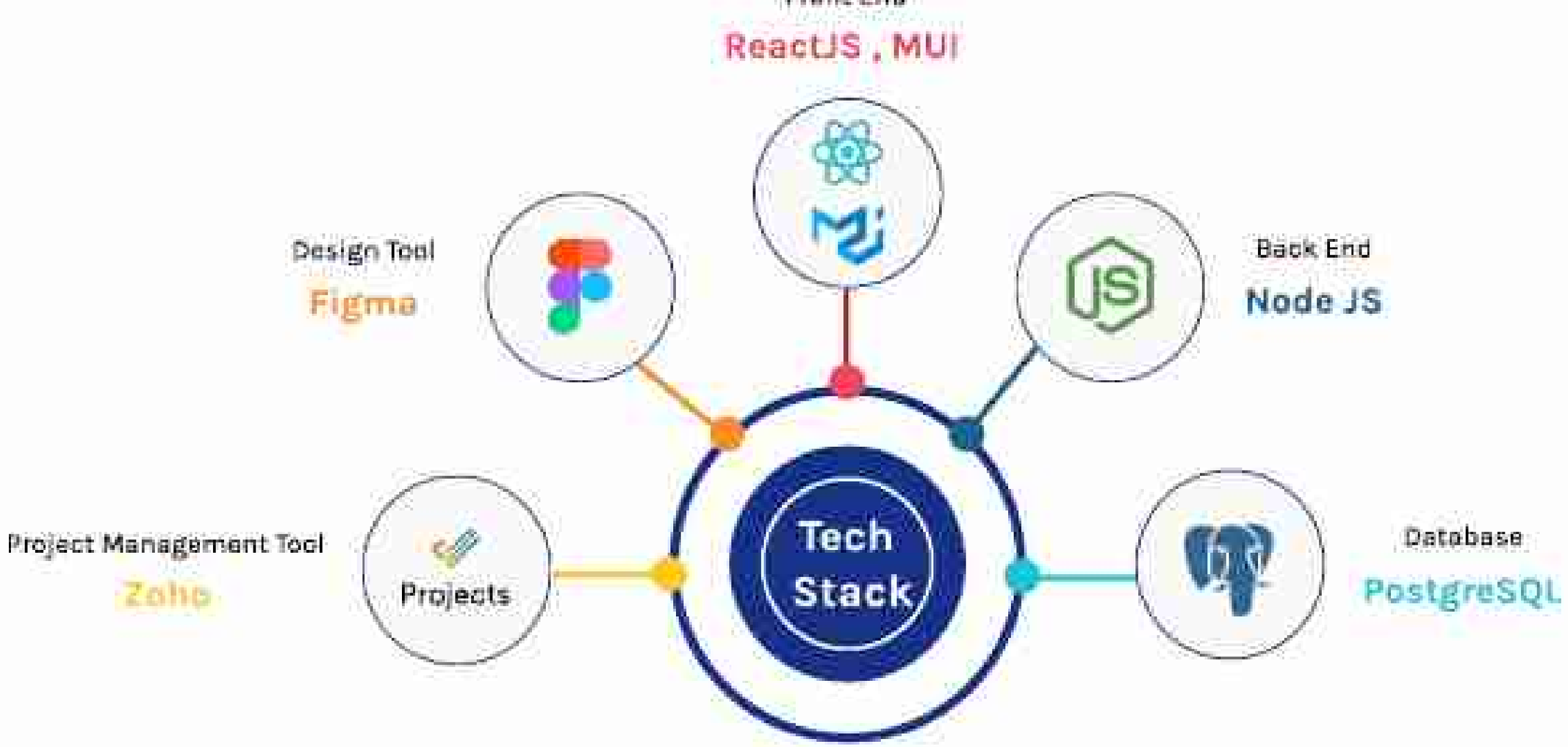
Project Management And Team Structure

We have implemented the Software Development Life Cycle (SDLC) process for developing and managing projects - requirement gathering, design, development, testing and deployment. Our team comprises of as mentioned below:



Architecture & Technologies

The change requests and bug fixes are being developed using the MVC architecture. The technologies involved in design and development are mentioned below:



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The Conclusion

01 Our team of highly skilled technical experts thoroughly analyzed the existing ERP system and implemented key features and improvements.

02 The client was highly satisfied with the delivered enhancements, particularly the improved user friendliness of the application.

03 As a result of our successful delivery, the client subsequently requested the development of a mobile application for the ERP application.

04 Additionally, as part of our maintenance efforts, our team is consistently fixing bugs in the existing application to ensure the smooth operation of the client's application.



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We appreciate your interest in Techno Tackle Software Solutions and look forward to collaborating with you.