

I am looking for a web developer to create a progressive disclosure web app using ReactJS, Node.JS, and a MySQL database. The app will be used to manage customers, jobs, tasks, send emails, and alert reminders for my monument business.

The app should allow for multi-tenancy, so that it can be configured to serve other monument businesses. Each tenant should have its own set of users, roles, and permissions, and should be able to configure the app to meet their specific needs.

The app should use card UI components to display relevant information, with a minimalist design that uses Bootstrap for easy customization. The database should include the following tables: Customer, Product, Task, Job, and Inscription etc.. The app should also be able send email notifications for job status changes, communications etc.

The user flow should be as follows: when a new job is created, the user should be able to add customer information, product details, and task information, as well as attach any pre-generated design images. Once the job is created the app should allow the user to add notes to each job, as well as create and manage tasks, inscriptions and products associated with each job.



Application Flow

1. **Landing Page:** A brief description of the application's purpose and a prominent call-to-action button that leads users to the login page.
2. **Login Page:** A simple and clean login page that includes a login form and a "Forgot Password" link.
3. **Dashboard:** A high-level overview of the current job statuses and the most recent job updates. The dashboard should also include a minimal navigation bar or menu that allows users to access different parts of the application.
4. **Jobs List:** A list of all the jobs, organized by their status. The Jobs List should include only the most essential information about each job, such as the customer name, job status, and any outstanding tasks.
5. **Job Details:** More detailed information about the job, such as the customer's contact information, the order details, any attached images, and any notes about the job.

6. Task List: A list of all the tasks associated with the job, including the task description, due date, and status.
7. Design Details: More information about the design or inscription associated with the job, including the person's name, birth date, passing date, and any other important details.
8. Editing: The ability to edit any of the information on the Job Details, Task List, or Design Details pages by clicking on an "Edit" button or icon. When the user clicks on the Edit button, the relevant form fields expand to show the editing options.
9. Adding New Job, Task or Design: The ability to add a new job, task, or design by clicking on an "Add" button or icon, which reveals a form that the user can fill out with the relevant information.

Database structure option

Customer

- id (int, primary key)
- first_name (varchar)
- middle_name (varchar)
- last_name (varchar)
- phone (varchar)
- email (varchar)
- address (varchar)
- notes (text)

Product

- id (int, primary key)
- description (varchar)
- color (varchar)
- size (varchar)
- options (text)
- quantity_on_hand (int)
- price (decimal)
- notes (text)

Task

- id (int, primary key)
- description (varchar)
- creation_time (datetime)
- due_date (datetime)
- notes (text)

Job

- id (int, primary key)
- customer_id (int, foreign key to Customer)
- product_id (int, foreign key to Product, multiple references)
- task_id (int, foreign key to Task, multiple references)
- status (varchar)
- notes (text)

Carving

- id (int, primary key)
- job_id (int, foreign key to Job)
- first_name (varchar)
- middle_name (varchar)
- last_name (varchar)
- birth_date (date)
- passing_date (date)
- other_details (text)

In the context of our monument business app, we would like to use card UI components to display information about individual jobs or tasks. For example, you could have a list of cards on the dashboard or jobs page, each representing a different job or task. The card could include the customer name, the job status, and any other essential information about the job.

More privileged users can add more widgets (cards) to their UI.

Clicking on a card would reveal more detailed information about the job, such as the customer's contact information, the order details, any attached images, and any notes about the job. You could also include buttons or links on the card that allow the user to take action on the job, such as editing the job details, adding a new task, or sending an email notification to the customer.

Each card in the monument business app could display essential information about each job or task, including but not limited to:

1. Customer Name: Display the first and last name of the customer associated with the job.
2. Job Status: Display the current status of the job, such as "Order Received," "In Production," or "Ready for Delivery."
3. Thumbnail Image: Display a thumbnail image of the design associated with the job, such as a drawing or mockup of the memorial.
4. Task Summary: Display a brief summary of the current tasks associated with the job, such as "Order Granite" or "Carve Design."
5. Notes Summary: Display a brief summary of any notes associated with the job, such as a reminder to call the customer for more information.