



1. Contribution/project goal

The project goal is to create an online system for tracking manager business process of installing elevator



2. Introduction

Nowadays people need to know more and be involved, so it is very important to add a page to the company website where there will be an option to follow the elevator installation process. After each step is performed the customer will be updated that we have completed this step and moved on to the next step.



3. Methods/algorithms/Alternatives or Design Considerations

To find a way to connect customers who are in the process of installing an elevator with the installing company, in a convenient and productive way. Therefore a distributed approach should be considered that allows each authorized user to enter and view the information that is appropriate for him.



4. Selected Approach

3-tier web application (browser, application server, data server)
I used on the server-side in NodeJs express, on the client-side in React and in MySQL database.



5. Solution Description (Algorithms, Modulation, Patterns, Infrastructure, UI, Functionality)

The screenshot shows a web application interface for tracking elevator installation. It features a top navigation bar with links like 'דף הבית', 'פרויקטים', 'התהליך', 'שירותים', 'אודות', 'צור קשר', and 'נושא תוכן'. The main content area displays a grid of status cards for different projects, each with a number, a status indicator (e.g., 'מסור', 'מורכב'), and a 'מעדכן' button. Below this, there's a detailed view of a specific project, showing a timeline of events with dates and descriptions, and a section for 'שם המהנדס- מנחם לוי'.

This screenshot shows a detailed view of a specific installation process. It includes a title 'שלום בן גוריון 74 רמת גן' and a list of events with dates and descriptions, such as 'מספר משרד העבודה: 89786' and 'תאריך חתימת חוזה: 2017-09-03'. There are also status indicators and buttons for further actions.

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