

Web Project Proposal

**OVERVIEW**

**Important:** Totalmobilerequires that this project is to be written in C# where applicable and hosted via Microsoft IIS.

Acme Inc. is a fictional “Mobile Workforce Management” company. The CEO of Acme Inc would like a new web application for tracking items to be done. This app must be built in using Microsoft web technologies and run on Google Chrome. The CEO has given no other instructions than those below but questions are welcome.

The app must be able to handle the following

1. Create a new to do item and edit an existing item and permanently remove an item
   1. Data must be saved into a sql database
2. Mark an existing item as done
   1. Show the user items still to do and items marked as done
3. The to do item view must show the updated date time formatted in the same style as Wed, Jul 4, '01 12:08 PM

The CEO has also requested that **one** of the following items be added to the app but has left the decision of which one up to the developer.

1. Add an image to the to do item
   1. The user must be able to upload an image from their browser
   2. The image must be shown as a thumbnail on the to do item view
   3. The image can be swapped by the user for a different one
   4. The user must be able to remove the image from the view
2. Choose an icon for the to do item
   1. The user must be able to select an icon for the to do item from an icon library
   2. The icon must be shown as a thumbnail on the to do item view
   3. The icon can be changed for another icon
   4. The user must be able to remove the icon from the view
3. Add a location marker to a to do item
   1. The user must be able to drop a pin on a map view
   2. The user must be able see a the map marker of the location chosen in the to do items view
   3. The user must be able to edit the location
   4. The user must be able to remove the location from the to do item view

**GOALS**

1. Demonstrate you can make decisions around the UI and UX
2. Demonstrate good coding practices
3. Demonstrate knowledge of modern web frameworks
4. Work with a webapi & database

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