Alpha Presentation

Smart Auto-Time Logging

The Capstone Experience

Team Vectorform

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Project Overview

• Optimize project billing process for Vectorform employees
• Automatically track time spent working on billable projects
• System learns over time which project code to assign to time statements
• User can view time statements for confirmation through web portal
System Architecture

Vectorform Billing

Front End

React

Users

Back End

SQLite

node.js

Visual Studio

C#

The Capstone Experience

Team Vectorform Alpha Presentation
Screen Shot: User Portal
### Screen Shot: Editing

<table>
<thead>
<tr>
<th>Project Code</th>
<th>Start Time</th>
<th>End Time</th>
<th>Tracking Module</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>project-23</td>
<td>10:43 AM</td>
<td>11:15 AM</td>
<td>Microsoft Teams</td>
<td></td>
</tr>
<tr>
<td>project-64</td>
<td>11:15 AM</td>
<td>1:45 PM</td>
<td>Android Studio</td>
<td></td>
</tr>
<tr>
<td>project-23</td>
<td>1:45 PM</td>
<td>2:15 PM</td>
<td>Microsoft Teams</td>
<td></td>
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<tr>
<td>project-64</td>
<td>2:15 PM</td>
<td>2:45 PM</td>
<td>Android Studio</td>
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<tr>
<td>project-32</td>
<td>2:45 PM</td>
<td>3:38 PM</td>
<td>Visual Studio</td>
<td></td>
</tr>
<tr>
<td>project-64</td>
<td>3:38 PM</td>
<td>4:31 PM</td>
<td>Android Studio</td>
<td></td>
</tr>
<tr>
<td>project-32</td>
<td>4:31 PM</td>
<td>7:01 PM</td>
<td>Visual Studio</td>
<td></td>
</tr>
<tr>
<td>project-23</td>
<td>7:01 PM</td>
<td>7:55 PM</td>
<td>Visual Studio</td>
<td></td>
</tr>
</tbody>
</table>

**Add a new entry:**
- **Project Code:**
- **Tracking Module:**
- **Start Time:**
- **End Time:**
Screen Shot: New Manual Entry

Add a new entry:
- Project Code:
- Tracking Module:
- Start Time:
- End Time:

Add
### Screen Shot: Date Selector

![Date Selector Screenshot](image)

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**Add a new entry:**
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- **Start Time:**
- **End Time:**

Add
What’s left to do?

• Simplifying startup
• Hiding terminals in background
• Improve smart metadata tracking
• Implement confirmation system
Questions?