

Analysis of Request TGX-BLA-005

Original Request

Android, Google, etc.

Make Complete button be red same as iPhone forcing the work order signoff page.

Analysis:

The request pertains to a feature present in the ECOBPM mobile application but absent in SWEVEN.

This feature involves displaying the "complete work order" button in red and requesting the technician's signature along with additional data. This data includes the technician's full name, materials used, travel details, comments, and hours worked. These details are then added to the work order as a note, with the signature being collected in a dedicated section.

Screenshots for reference:

Screenshot SWEVEN

The screenshot displays the SWEVEN mobile application interface for a work order. The top status bar shows the time as 8:50 and signal strength. Below the status bar, there is a navigation bar with a back arrow and the text "Back ALA-CAA-068".

The main content area is divided into two columns. The left column contains a form for the work order details, including:

- ALA-CAA-068
- Client Alan ABC
- 00:00:00
- Date: 2 years ago
- Deadline: Jan 18 2022 1:09 PM
- ETA: Jan 18 2022 8:00 AM
- In Progress - Check In
- Vendor Estimate: 0 Hours
- Time Invested: 00:00:00
- Priority: P1
- Problem Type: Drywall
- PAUSE WORK button
- WORK COMPLETE button
- Description: Mall Aventura Plaza, Av. Oscar R. Benavides 3866
- Lorem ipsum dolor sit amet, consectetur adipiscing...
- Show More link


The right column contains a form for the technician's time and billing, including:

- On-Location Timesheet
- If you are not using the mobile app, you may add Technician's time here:
- Time of Arrival: [input field]
- Time of Departure: [input field]
- Technician: [input field]
- Not Today? [checkbox]
- + Add Check In/Out button
- Tax Billing (%): [input field]
- Products table with columns: Product, Product Name, Qty, Cost/U, Bill/U, Cost/T, Bill/T
- Total Product: \$0.00, \$0.00
- Total Items (Product): 0
- Tax Cost (%): [input field]
- Tax Billing (%): [input field]
- Total Sub Total: \$0.00, \$0.00
- Total Disc. Cost (%): [input field]
- Total Disc. Billing (%): [input field]
- Grand Total: \$0.00, \$0.00
- Profit: \$0.00
- Suggest Billing Explanation [input field]

Screenshot ECOBPM

The deadline of this work order already passed

ARA-KDP-24935
Keurig Dr Pepper

 00:00:00

Date: 9 months ago

Deadline: Jul 18 2023 7:00 PM

ETA: Jun 20 2023 10:00 AM

In Progress - Check Out

Priority: P4

Problem Type: Security

RESTART WORK

WORK COMPLETE

REJECT


Description


Security Services (Billed Weekly)


[Show More](#)

File

Please sign inside the box







Enter your full name

Materials

Travel

Enter a comment

Work hours

COMPLETE

On-Location Timesheet

If you are not using the mobile app, you may add Technician's time here:

Time of Arrival:

Time of Departure:

Technician:

Not Today?: ☐

[+ Add Check In/Out](#)

Signature

NSC Technician

Name: Alaila, Tracked time: No tracking available



Implementation of Signature Request in SWEVEN:

To incorporate this feature, a new section must be added to the settings of SWEVEN. This section will allow users to toggle the signature request feature on or off. When enabled, users should be able to specify when the technician's signature is required (sub status).

Additionally, modifications are needed in the API that guides mobile device actions. This includes adding a label within the configured sub status to indicate the need for a signature. This ensures that the mobile device knows when to prompt for a signature.

Furthermore, an API needs to be developed to handle the reception of signatures and additional data. This API will also be responsible for creating a note and appending the collected signature.

Finally, adjustments must be made to the mobile application itself. These modifications will allow the application to utilize the defined settings and prompt for a signature when necessary. The application should also possess the capability to transmit the signature and accompanying data.

Lastly, the work order format must be updated to accommodate the display of added signatures.

Task and estimates

Task	Station	Hours	Status
Add a new settings section in SWEVEN for enabling/disabling the signature request feature.	Owner .NET	6	Reviewed
Modify the API to include a label indicating the requirement for a signature	Laravel Portal	2	Reviewed
Develop an API for receiving signatures and additional data.	Laravel Portal	8	Completed
Adjust the mobile application to utilize the defined settings and prompt for signatures as needed.	Ionic	8 ???	Pending
Update the work order format to display added signatures.	Owner .NET	6	Completed
QA testing	QA	4	Pending

API Information

Signature Required

To determine whether the signature is required, you can access the API settings under the "features" section. The "signatureRequired" option is a boolean field that indicates whether the signature is necessary or not.

GET api/settings

// example response

```
{
  "features": {
    "signatureRequired": true
  },
}
```

Signature Store

To store the signature, simply include a note with additional parameters, setting "signature" to true and "completed" to true as well. It's important to note that the signature fields should be added as a message within the note.

POST api/notes

BODY form-data

message:FullName: Alan Tello↵Materials: ↵Travel:↵Comments: Just a signature test↵Work Hours: 10H↵
form:ServiceOrder
form_id:1557448
signature:1
completed:1
files[]: FILE

// example response

```
{
  "data": {
    "id": 417031,
    "note": "FullName: Alan Tello\nMaterials: \nTravel:\nComments: Just a signature test\nWork Hours: 10H",
    "subject": "",
    "Show_Vendor": 1,
    "Show_Client": 0,
    "Show_Tech": 1,
    "created_at": "2024-04-17 15:44",
  }
}
```

```
    "updated_at": "2024-04-17 15:44",
    "user": {
      "id": 2561,
      "name": "Alan Tello"
    },
    "attachments": [
      {
        "id": 226440,
        "url":
"https://s3.amazonaws.com/sweven-dev/ecobpm-laravel/XnqB004xSftwBozE3
UgCOMjinDwvyhghMYBx39Lo.png",
        "extension": "png",
        "filename": "Screen Shot 2024-04-12 at 13.05.50.png"
      }
    ]
  }
}
```

Document History

Summary of changes in the document aimed to provide a quick overview of the project's evolution.

Date	Version	Author	Comments
03/18/2024	0.1	Alan Tello Oyola	Initial document creation, outlining the initial approach.
04/16/2024	0.2	Alan Tello Oyola	Addition of API endpoints and the current status of tasks.