



# SPRINT 2

Project 1 – UI & Reports

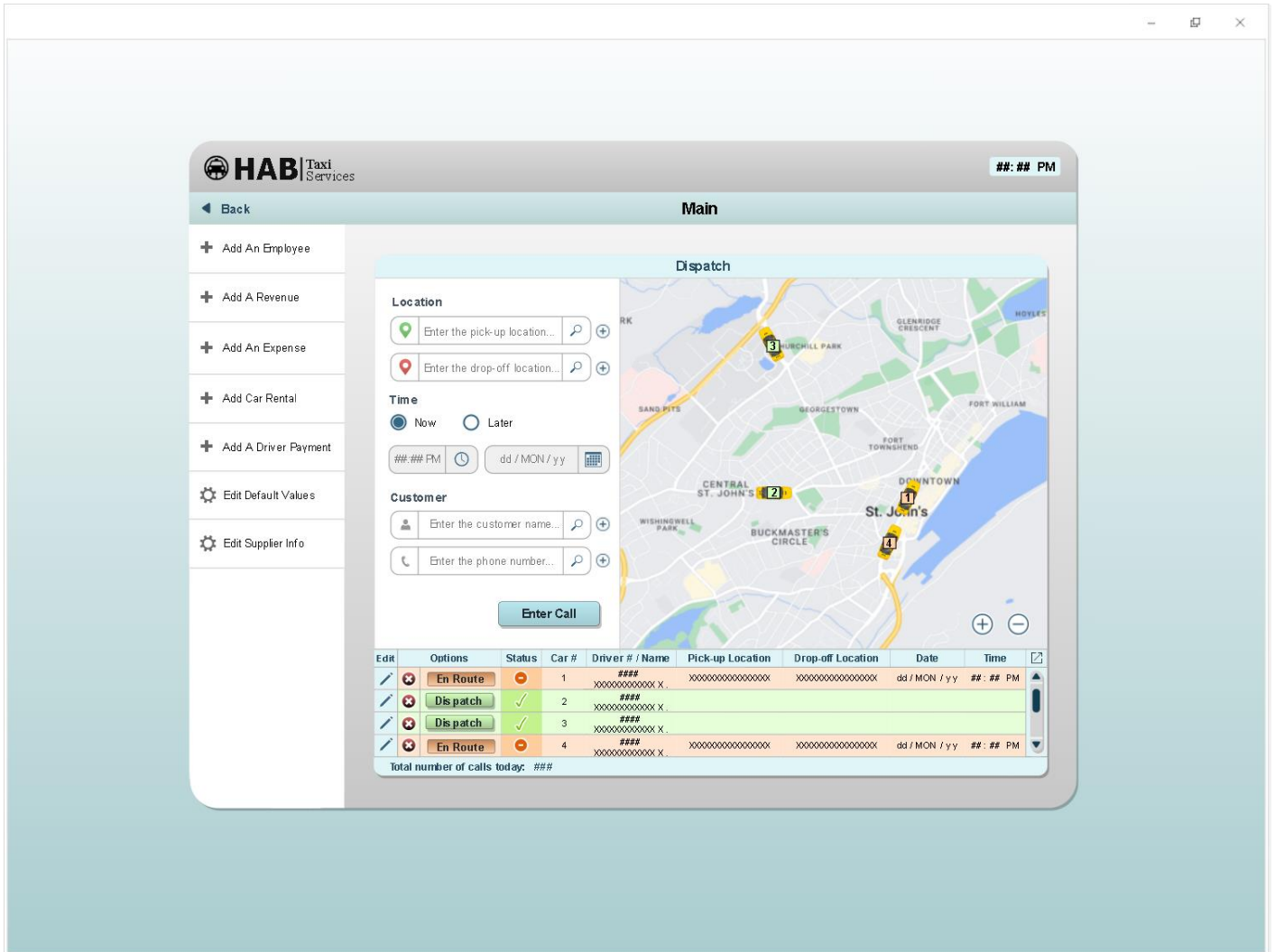


Robot Team 2

Finalized April 19, 2022

# User Interface Design

## Main Menu Screen(Fullscreen Version)



### Beneficial Features Included

1. Added a "Time" option that allows the user to book a taxi in advance. When "Now" is selected, the Date/Time fields are greyed out, and time and date are automatically set to the current time and date. If "Later" is selected, the Date/Time fields become available to change. Also, the navy blue icon added on those fields is to indicate that you can click on each one to open a Date or Time widget to help the user select the desired Date/Time, like many modern websites/applications offer lately.
2. The navy blue "search" icons are intended to be an access point to one of those selection widgets as well, which would open a list of pick-up/drop-off/past customers and let the user search for addresses/customer names – This makes it easier for the user and avoids spelling mistakes that could interfere with data analysis.
3. I added an edit button next to each item on the list, in case the user incorrectly enters some information and would like to edit it, or if a customer decides to change their pick-up or drop-off location after initial booking.

# User Interface Design

## Main Menu (Windowed Version)

The screenshot displays the HABI Taxi Services Main Menu in a windowed format. The interface is divided into several sections:

- Header:** HABI Taxi Services logo and a clock showing ##:## PM.
- Navigation:** A 'Back' button and a 'Main' title bar.
- Left Sidebar:** A list of menu items with plus icons: Add An Employee, Add A Revenue, Add An Expense, Add Car Rental, Add A Driver Payment, Edit Default Values, and Edit Supplier Info.
- Dispatch Form:** A form for entering call details, including:
  - Location:** Fields for 'Enter the pick-up location...' and 'Enter the drop-off location...' with search icons.
  - Time:** Radio buttons for 'Now' and 'Later', and a date/time field (##:##PM) with a clock icon.
  - Customer:** Fields for 'Enter the customer name...' and 'Enter the phone number...' with search icons.
  - Enter Call:** A large blue button to submit the form.
- Map:** A map showing the current location of taxis (labeled 1, 2, 3, 4) and various landmarks like HURCHILL PARK, GEORGETOWN, and ST. JOHN'S.
- Call Log Table:** A table with columns: Edit, Options, Status, Car #, Driver # / Name, Pick-up Location, Drop-off Location, Date, and Time. It lists four calls with their respective statuses (En Route, Dis patch) and locations.
- Total number of calls today:** A summary line showing ##.

- Not required, I just made a minimized version and wanted to show it 😊

# User Interface Design

## Edit Default Values Screen

The screenshot displays the 'Edit Default Values' screen within the HAB Taxi Services application. The interface features a sidebar menu on the left with options: 'Add An Employee', 'Add A Revenue', 'Add An Expense', 'Add Car Rental', 'Add A Driver Payment', 'Edit Default Values' (highlighted), and 'Edit Supplier Info'. The main content area is titled 'Edit Default Values' and contains six input fields, each with a help icon (i) to its right. The fields are: 'Next Transaction Number' (60.00), 'Next Driver Number' (175.00), 'Monthly Stand Fee (\$)' (\$ 175.00), 'Daily Rental Fee (\$)' (\$ 60.00), 'Weekly Rental Fee (\$)' (\$ 300.00), and 'HST Rate (\$)' (\$ 0.15). A 'Save' button is located at the bottom right of the form.

Field Label	Value
Next Transaction Number :	60.00
Next Driver Number :	175.00
Monthly Stand Fee (\$):	\$ 175.00
Daily Rental Fee (\$):	\$ 60.00
Weekly Rental Fee (\$):	\$ 300.00
HST Rate (\$):	\$ 0.15

Save

# User Interface Design

## Enter New Employee Screen

The screenshot displays the 'Enter New Employee' screen within the HAB Taxi Services application. The interface features a sidebar menu on the left with options: 'Add An Employee', 'Add A Revenue', 'Add An Expense', 'Add Car Rental', 'Add A Driver Payment', 'Edit Default Values', and 'Edit Supplier Info'. The main content area is titled 'Enter New Employee' and contains a form with the following fields:

- Driver Number:** A text input field containing the value '143'.
- Does this driver have their own car?:** A radio button group with 'Yes' and 'No' options. The 'No' option is selected.
- License Information:**
  - Driver's License Number:** A text input field.
  - Driver's License Expiry Date:** A date picker showing 'dd / MON / yy'.
- Insurance Information:**
  - Insurance Policy Company:** A text input field.
  - Insurance Policy Expiry Date:** A date picker showing 'dd / MON / yy'.
- First Name:** A text input field.
- Last Name:** A text input field.
- Street Address:** A text input field.
- City:** A text input field.
- Province:** A text input field.
- Postal Code:** A text input field with a placeholder 'eg. A1A 1A1'.
- Phone Number:** A text input field with a placeholder 'eg. (###) - ### - ####'.

A 'Save' button is located at the bottom right of the form.

# Reports

## Profit Listing

### HAB Taxi Services Profit Listing

From: dd-Mon-yy  
To: dd-Mon-yy

REVENUE	TRAN. DATE	TRAN. ID	DRIVER NUMBER	DESC.	AMOUNT	HST	TOTAL
-----	=====	=====	=====	=====	=====	=====	=====
	dd/MON/yy	###	####	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
				:			
				:			
				:			
	dd/MON/yy	###	####	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
=====	=====	=====	=====	=====	=====	=====	=====
TOTAL TRANSACTIONS: ###						TOTAL REVENUE: \$#,###.##	

EXPENSES	INVOICE DATE	INV. #	DRIVER #	ITEM #	DESC.	COST	QTY	SUBTOTAL	HST	TOTAL
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	dd/MON/yy	###	####	##	XXXXXXXX	\$###.##	X	\$###.##	\$###.##	\$#,###.##
					:					
					:					
					:					
	dd/MON/yy	###	####	##	XXXXXXXX	\$###.##	X	\$###.##	\$###.##	\$#,###.##
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL INVOICES: ###						TOTAL EXPENSES: \$#,###.##				

\*\*\*\*\*  
TOTAL PROFIT /LOSS : \$#,###.##  
\*\*\*\*\*

# Reports

Driver Financial Listing

HAB Taxi Services  
Driver Financial Listing

From: dd-Mon-yy  
To: dd-Mon-yy

TRAN. DATE	TRAN. ID	DESC.	AMOUNT	HST	TOTAL
=====	=====	=====	=====	=====	=====
dd/MON/yy	###	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
			:		
			:		
			:		
			:		
dd/MON/yy	###	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
=====	=====	=====	=====	=====	=====
TOTAL TRANSACTIONS: ###			\$#,###.##	\$#,###.##	\$#,###.##