



# FINAL SPRINT WEEK

Project 1 UI & Reports for HAB Taxi Services



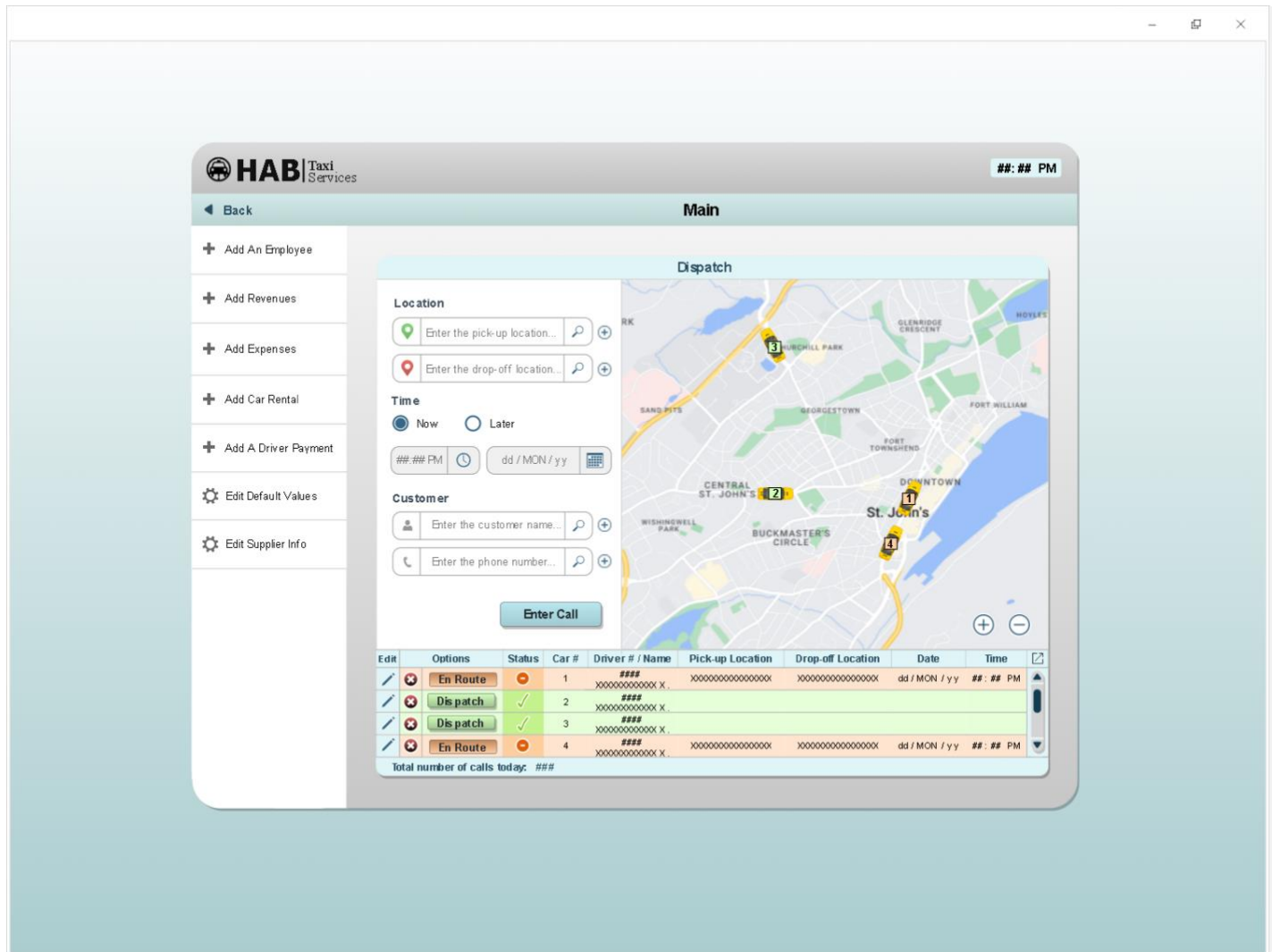
**Group 22A-2**

Makenzie Roberts  
David Turner  
Tyler Dinn

Finalized April 19, 2022

# User Interface Design

## Main Menu Screen(Fullscreen Version)



### Beneficial Features Included

- 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.
- 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.
- 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)

**HAB Taxi Services** ##: ## PM

**Main**

**Dispatch**

**Location**

Enter the pick-up location...

Enter the drop-off location...

**Time**

☒ Now ☐ Later

##: ## PM  dd / MON / yy

**Customer**

Enter the customer name...

Enter the phone number...

**Enter Call**

Edit	Options	Status	Car #	Driver # / Name	Pick-up Location	Drop-off Location	Date	Time
	En Route		1	#### XXXXXXXXXX X.	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	dd / MON / yy	##: ## PM
	Dis patch		2	#### XXXXXXXXXX X.				
	Dis patch		3	#### XXXXXXXXXX X.				
	En Route		4	#### XXXXXXXXXX X.	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	dd / MON / yy	##: ## PM

Total number of calls today: ###

- 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: 'Main Menu', 'Add An Employee', 'Add Revenues', 'Add Expenses', '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 several input fields for configuring default values. Each field has a corresponding 'v' icon for editing. The fields and their current values 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	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 includes a sidebar menu on the left with the following options: 'Main Menu', 'Add An Employee', 'Add Revenues', 'Add Expenses', '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 for entering employee details. The form fields are organized into two columns. The left column includes: 'Driver Number' (with a value of 143), 'First Name', 'Last Name', 'Street Address', 'City', 'Province', 'Postal Code' (with a hint 'eg. A1A 1A1'), and 'Phone Number' (with a hint 'eg. (###) - ### - ####'). The right column includes: 'Does this driver have their own car?' (with radio buttons for 'Yes' and 'No', where 'No' is selected), 'License Information' (with 'Driver's License Number' and 'Driver's License Expiry Date' (with a date picker showing 'dd / MON / yy')), and 'Insurance Information' (with 'Insurance Policy Company' and 'Insurance Policy Expiry Date' (with a date picker showing 'dd / MON / yy')). A 'Save' button is located at the bottom right of the form. The application header shows the HAB Taxi Services logo and the current time '##:## PM'.

# Reports

## Profit Listing

### HAB Taxi Services Profit Listing

From: YYYY-mm-dd  
To: YYYY-mm-dd

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

EXPENSES	INVOICE DATE	INV. #	DRIVER #	ITEM #	DESC.	COST	QTY	SUBTOTAL	HST	TOTAL
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	YYYY-mm-dd	###	####	##	XXXXXXXX	\$###.##	X	\$###.##	\$###.##	\$#,###.##
					:					
					:					
					:					
					:					
	YYYY-mm-dd	###	####	##	XXXXXXXX	\$###.##	X	\$###.##	\$###.##	\$#,###.##
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
TOTAL INVOICES: ###						TOTAL EXPENSES: \$#,###.##				

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

# Reports

Driver Financial Listing

HAB Taxi Services Driver Financial Listing					
From: yyyy-mm-dd					
To: yyyy-mm-dd					
TRAN. DATE	TRAN. ID	DESC.	AMOUNT	HST	TOTAL
=====	=====	=====	=====	=====	=====
yyyy-mm-dd	###	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
			:		
			:		
			:		
			:		
yyyy-mm-dd	###	XXXXXXXXXX	\$###.##	\$###.##	\$###.##
=====	=====	=====	=====	=====	=====
TOTAL TRANSACTIONS: ###			\$#,###.##	\$#,###.##	\$#,###.##