

Description

A print marketing company requires a web application that helps them collect information about their clients. They have appointed a team of Humber students to accomplish the project for following users.

1) Admin account has following functionalities:

- a) Create, read, update and delete locations where the company can distribute the printed flyers by storing following data:
 - i) id (int – autogenerated),
 - ii) locationName (string),
 - iii) distributionCapacity (int)
- b) Create, read, update and delete marketing agents by providing following information:
 - i) id (int - autogenerated),
 - ii) firstName (string),
 - iii) lastName (string),
 - iv) phoneNo (string),
 - v) email (string),
 - vi) userName (string),
 - vii) password (string)
- c) Read, update and delete records added by marketing agents.

2) Marketing agent (employees of the print marketing company who get clients) account has the following functionalities:

- a) Create, and read profiles of clients (people/business interested to market their services and products) by storing following information:
 - i) id (int - autogenerated)
 - ii) agentId (int foreign key to agent creating the profile)
 - iii) firstName (string)
 - iv) lastName (string)
 - v) streetNumber (string)
 - vi) streetName (string)
 - vii) city (string)
 - viii) province (string)
 - ix) postalCode (string)
 - x) telOffice (string)
 - xi) telCell (string)
 - xii) email (string)
 - xiii) company (string)
 - xiv) companyType (string)

NOTE - Agents can Create, and Read client records but cannot Update or Delete client profile.

- b) Place order to print flyers on behalf of the clients they created. An order requires following information:
- i) id (int – autogenerated)
 - ii) agentId (int – foreign key of the agent record)
 - iii) flyerQty (int)
 - iv) flyerLayout (string - portrait, landscape or both)
 - v) locationXorderId (int – foreign key of the cross table between order and locations of interest)
 - vi) flyerImg (blob)
 - vii) paymentInformation (string – credit card information)
 - viii) personalCopy (int - copies requested by the client to keep for themselves)

An order record additionally has the following information:

- ix) clientId (int - foreign key to the client for whom the order is placed)
- x) invoiceNumber (string - arbitrary alphanumeric value)
- xi) comments (string - a short description about the order)
- xii) isFlyerArtApproved (boolean – marks whether flyer artwork is approved and – false by default)
- xiii) isPaymentReceived (boolean to mark whether a payment has been processed)

NOTE – Agents can Create, read, update and delete orders.

The create screen for order should capture flyerQty (number), flyerLayout (dropdown), locations (checkboxes), flyerImg (image upload), paymentInformation (textboxes to capture credit card number, expiry date and cvv number), personalCopy (number), client selection (dropdown), invoiceNumber (autogenerated), comments (textbox).

The update screen for orders should allow update to the above information along with checkboxes to mark whether Artwork for that order is approved and the payment is made or not. Note that these checkboxes appear only on the update order screen.

Deliverables

Submit the project and report in a zipped folder in Blackboard. If you are working in a group, one person will submit the deliverables on behalf of the group.

The report will be a manual (step-by-step guide) explaining how the program works. Include:

- ✓ A cover page with the names of all individuals that worked on the project
- ✓ Table of Contents
- ✓ Explanation with screen shots of using the program for each type of user (admin, agent) as described in the requirements above.

Notes

- ✓ Due: Wednesday April 25th. You will demonstrate your project in class.
- ✓ You may work individually or in groups of up to 6 people.