Developer Project

For Triforcia Interns

June, 2023

Overview

WE BUY HOUSES

AND TRANSFORM THEM INTO FULLY REMODELED HOMES

We Don't Just Flip Houses.

We buy houses that need a little extra love and transform them into a home families can enjoy for years to come. Over the years, we've stayed on the innovative side of home buying, and we developed proprietary software that helps our National network of Franchise Owners confidently flip houses in their markets.

new again® houses franchise
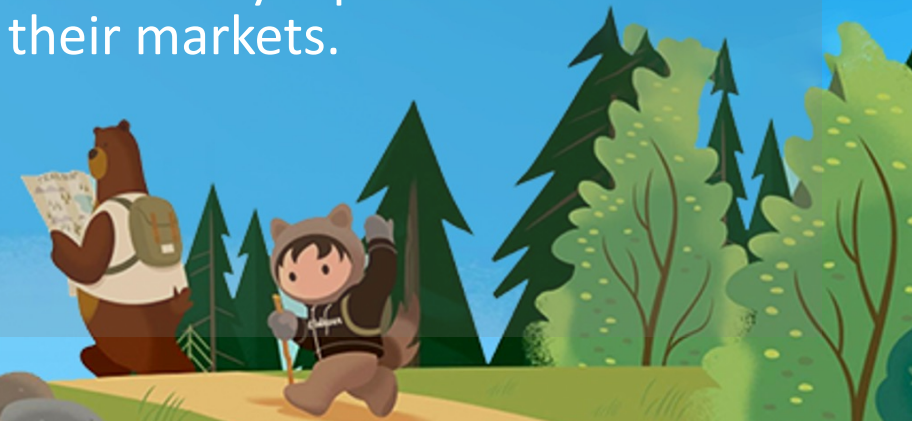
New Again Houses® was born in Bristol in 2008 with one simple mission: to solve real estate problems. That mission has grown and evolved throughout the years, and now we serve homeowners not only in the Tri Cities area, but all across the country. https://newagainhouses.com/

New Again Houses was has recently implemented Salesforce with Triforcia and they are very happy with the service provided.

They have additional requirements to implement on Salesforce.

Build an Open House Show App

New Again Houses needs an open house management software
which will help them to manage their open houses effectively along with

    franchise owner,
    customer,
    open house address,
    and time information.

    After many hours of meetings, the following
    plan has been prepared.

Objects

- Open House
  - Open House Name (Standard field)
  - Street*
  - City*
  - State*
  - Postal code
  - Country*
  - Google Maps Link
  - Is Active (Checkbox)

  * Required field

Objects

- **Open House Show**
  - Open House Show Name (Standard field)
  - Open House (MD Open House)
  - Show Date*
  - Start Time*
  - End Time*
  - Max Number of Visitors
  - Actual Number of Visitors
  - Remaining Number Visitors
  - Open House is Active (Formula Open House - Is Active field)
  - Show Type (Virtual, Physical)
  - Is Live Show(Checkbox)
  - Address
  - Is Published (Checkbox)

  * Required field

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Objects

- Franchise Owner
  - Full Name (Standard field)
  - City
  - State
  - Postal code
  - Country
  - Email*
  - Phone
  - Franchisee since
  - Is Active?

  * Required field

Objects

- Visitor
  - Full Name(Standard field)
  - Email*
  - Phone

* Required field
** Hide from page layout

Objects

- Agent
  - Full Name (Standard field)
  - Email*
  - Phone
  - Working with Franchise (Lookup Franchise Owner)

  - Open House Show Agent
    - Open House Show (MD Open House Show)
    - Agent(MD Agent)

  * Required field

Objects

- Open House Show Visitors
  - Open House Show (MD Open House Show)
  - Visitor(MD Visitor)
  - Google Maps Link*
  - Street*
  - City*
  - State*
  - Postal code*
  - Country*
  - Email*

  * Hide from page layout
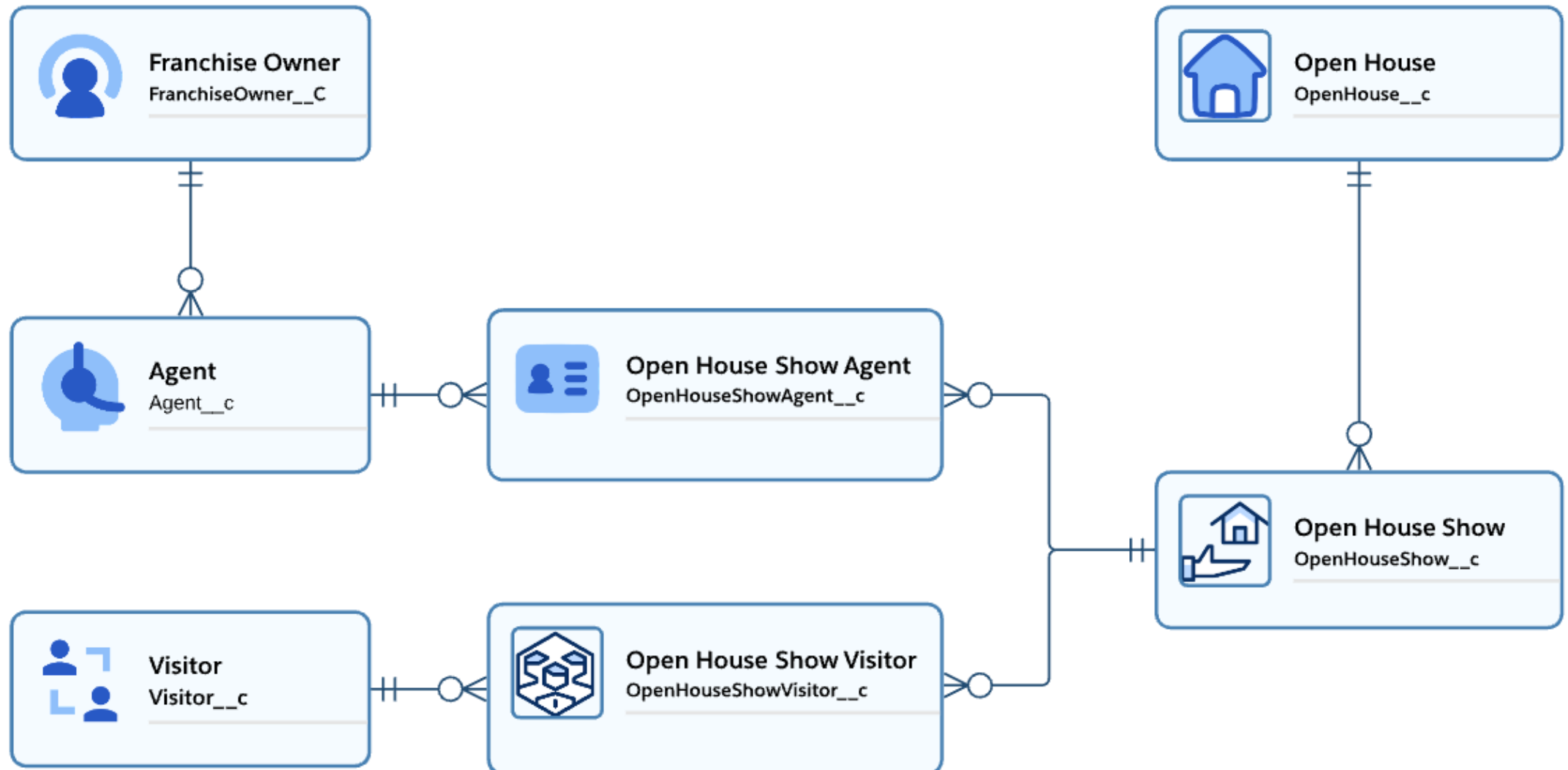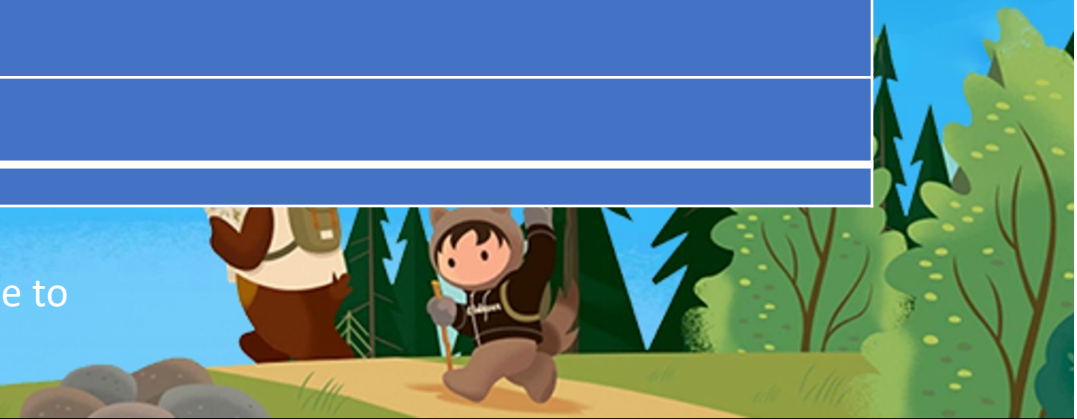
Open House Show App

Data Modeling Diagram

One to Many Relationship
(Master-Detail)

Franchise Owner
FranchiseOwner__C

Open House
OpenHouse__c

Agent
Agent__c

Open House Show Agent
OpenHouseShowAgent__c

Open House Show
OpenHouseShow__c

Visitor
Visitor__c

Open House Show Visitor
OpenHouseShowVisitor__c

Organization-Wide-Defaults

Object Name	Organization Wide Default
Open House Show	Public Read Only (Check Parent)
Franchise Owner	Public Read Only
Agent	Private & Sharing Rule (Read/Write) to share the Agents with Franchise Owners (Role)
Visitor	Private & Sharing Rule (Read/Write) to share the Visitors with Franchise Owners (Role)
Open House	Public Read Only
Open House Show Agent	Public Read Only (Check Parent)
Open House Show Visitors	Public Read Only (Check Parent)

Note: This is the initial plan. If you think that an update needed, please feel free to change. But please test it first!

Profile/Permission Set Settings*

Object Name	Profile		
	Franchise Owner	Agent	Visitor
Open House Show	CRED	R	R
Franchise Owner	RE	R	R
Agent	CRE	CRE	R
Visitor	R	X	CRE
Open House	CRED	R	RCE
Open House Show Agent	CRED	RC	R
Open House Show Visitors	R	X	RC

C - Create

R - Read

E - Edit

D - Delete

X - No Access

*Permission Set recommended

Note: This is the initial plan. If you think that an update needed, please feel free to change. But please test it first!

Email Template to Visitors

Subject : Your Invitation successfully created

Email Body :

Dear {Visitor Name},

Thank you for registering for {Open House Show Name} which will be available on { Open House Show Date} between { Open House Show Start Time} and { Open House Show End Time} at {Open House Address}.

We are excited to have you, see you in the show.

Find the Google Map Location for the Open House here: {Open House Google Map Link}

Thanks,
{Organization Name}

Unit Test Classes

- At-least 75% code coverage. Try to achieve 95%
- Create TestUtility Class
- Create mock data method in the test class
- Use Test.startTest & Test.stopTest
- Cover all possible scenarios (Test coverage is not the only criteria)

Package

Please create all objects and fields yourself.

But if you would like to skip this step, you can install the package (not recommended), please use the link below:

https://login.salesforce.com/packaging/installPackage.apexp?p0=04t8b000000jsu1&isdtp=p1

Repository

Please clone the repository to your local computer and read the readme file carefully

https://github.com/TriforciaDevops/Open-House-App-Intern

Considerations

◢ Feel free to update fields, page layouts, and settings

◢ Use brand new, never touched developer org(not playground)

◢ Use VS Code to deploy your codes

◢ Push your codes to your Github repository

◢ Use Github/Jira for issue assignments

Presentation

Date: XX 2023

Time : X PM (EST)

Location: Zoom link will be provided!

Each team will prepare 1 presentation for 10 to 15 minutes.

All participants are required to present a least one task.

Feel free to use any presentation method/tools.