1. Tell me about project you have done previously?
2. At which scenario you will use Custom workflow and Plugin?
3. What are the Plugin Pipeline Stages?
4. How will you push the data into CRM using SSIS?(This question is based on my previous project)
5. What is InvalidPluginExecutionException?
6. Did you worked on Sql concepts?
7. What is the difference between Inner and Left outer join?
8. If you have three operations in one plugin, If exception is occured in third operation means what will happened to other 2 operations? [Ans : All operations will get aborted and data's will be rollback.]
9. If you have used any tool for testing the application?
10. How will you get the requirement from client?
11. After get the requirement from client, How will you start the development?
12. What is mean by TFS?
13. How will you deploy your code?
14. How will you test your code?(I.e Debug)
15. If you are integrating third party application into CRM how will you authenticate Users?
16. How will you get the records from CRM data base? [Ans:Filtered views]
17. Directly accessing the records from CRM data base is supported or un supported?
18. Explain about custom workflow?
19. Did you know about SSRS?
20. What is different between CRM reports and SSRS?
21. What is Pre and Post operations in Plugin?
22. What are different ways of debugging plugin? (In CRM online as well as On Premise).
23. (Options for Online:  Profiler) (Options for On Premise: Profiler, ITacingLog, Placing dll in Server Folder on CRM Server)
24. What are Images, How do you register an Image? difference between Pre and Post Image?
25. If there is a field in Contact form where value is 2. I have updated this value to 4.
26. What will be value of field if plugin is registered as PreOperation and Image is PostEntityImage.
27. What will be value of filed if plugin is registered as PostOperation and Image is PreEntityImage
28. What will be value of filed if plugin is registered as PostOperation and difference between Target and Post and Pre Image.
29. How do we debug Custom Workflow Activity.
30. Can we create a plugin using class library in visual studio?
31. Suppose if I have changed the field value from 2 to 4 and back to 2 and saved it. I have a plugin registered on Update message.
32. What will be field value in Pre Operation plugin for PreImage,PostImage,Target.
33. Suppose I have a third-party dll to be included with my plugin in order to use some of its methods in my plugin. How do we do that. (Strong name any third party assembly to include it  with plugin assembly, you can’t register plugin if your third party dlls is not strong named)
34. What are the different options (location,Isolationmode) to register plugin in plugin registration tool and what is the difference. (**Locations:**Database,Disk,Gac),(**Isolation modes:**Sandbox,None)
35. What is the Interface used for Plugin (IPlugin), Custom Workflow Activity (CodeActivity)
36. Depth concept in plugin, Parameter passing, Secured and Unsecured configurations and differences, Filter by attribute etc.
37. Difference between WCF and WEBAPI
38. Why we need WEBAPI.
39. Batch processing in c#.net
40. What is the best response format when compared to JSON and XML.
41. What are the plugin registration steps?
42. Explain Plugin scenario that you have done in your project?
43. Difference between Append and Append to previlages?
44. What are the relationship behaviour types? Explain each behaviour with one scenario?
45. What is Batch processing in Asp.net? Why we use it?
46. What is the use of IPlugin Execution Context in MSCRM?
47. Questions related to one of the Projects i.e. Technical description about Plugin for auto sequence number.
48. SSRS-fetch XML Reporting
49. New features of MS CRM 2015
50. Any technical issues faced in project.
51. Limitations of Goal Management in developers point of view.
52. What are the security roles in MS CRM?
53. How to retrieve the Security roles using JavaScript?
54. What is the difference between OData and SOAP?
55. What is plugin?
56. Explain about your recent project?
57. What are the limitations to OData?
58. Explain the relations that are existed in between Business Units?
59. Have you worked on SQL and ASP?
60. What are charts in MS CRM?
61. Difference between plugin and workflows?
62. What are new features in MS CRM 2013?
63. Can we run a plugin in "OnLoad" event?
64. What is your current project?
65. What is the difference between REST and SOAP?
66. What is string map table? For example, in Account table having options sets what that table holds, whether option set text or value.
67. How can fill a field on form load from different entity?
68. What is the syntax to save a form explicitly?
69. How do we get form types and its syntax?
70. How can we construct an OData query without using a tool?
71. How can we add a button? How cm we enable/disable button based on option set value and text field value.
72. How to hide/show button based on security role. And tell how many ways we can do it.
73. How can we run a plug in for other user (we can say it is impersonation)
74. Current Project role & what you implemented Current Project (some Question on Current Project)
75. How to Create Business Process Flow (BPF) for Custom Entity.
76. Is it Possible to update filed in BPF busing JS
77. Can we hide Stage  in BPF
78. How can you pass parameters to Child Workflow from parent workflow?
79. There are some fields in MSCRM we need to show this fields based upon logged in user security ( what are possible ways ,How cloud you Achieve)
80. Questions on Ribbon Enable rule (Custom rule & OOBs rule).
81. How to create custom workflow & how to register that workflow in MSCRM.
82. How to modify /Add/Delete group in site map in MSCRM.
83. Is it possible to add URL in Site map (like [www.google.com](http://www.google.com)) and web resource (not sitemap logos)
84. What are various type of services  in MSCRM
85. How cloud you access CRM details in Console APP & what are Steps that need to follow to get records CRM & Which service we are using generally retrieve record from CRM.
86. When will we use retrieve and Retrieve multiple?
87. I have record ID and Steps to update a record in MCRM.
88. While using retrieve can I fetch all columns of that particular record if yes, how?
89. When we will go SSRS reports & what will necessity to use SSRS report instead of OOB reports.
90. Suppose if I retrieved look up record from entity what will be data type for it.
91. What is parameters that you will pass to update a record.
92. What Entity reference Contains…. Is Entity reference contains status?
93. Let us assume that Primary entity record has no related entity records, if I will do join query what will be result?
94. What is mail merge in MSCRM how can we use?
95. What are various type of forms in MSCRM?
96. What is Quickveiw forms steps to implemented
97. What are type of Business rule in MS CRM
98. Navigation properties in CRM form
99. What is sealed class, interface ,inheritance ,abstraction
100. Difference b/w array and collection
101. Some question jQuery, OData & some Sql
102. What are the parameters we pass in Service? Update method?
103. What is Service? Execute method do?
104. How we will set the lookup value?
105. What is entity reference in CRM?
106. Why we use Service. Retrieve and what it returns?
107. What is authorization and Authentication?
108. How Authentication happens in CRM on Prim and On Line.
109. How you will restrict Account creation based on condition when the Data is coming from SSIS or some third party application.
110. How you will call a web Resource and get the values from it to update the Account entity(What is your approach)
111. How will you disable a button based on user role with without using any tool (Basically we need to tell the manual way to configure the button using Visual Studio).
112. What will you do if we want to deploy SSRS reports in customer end?
113. How will you write a query to get the Account and Opportunity table data into your report?
114. How can you Identify by seeing visual studio solution of Plugin Solution
115. Explain all entities involve in case management in MSCRM
116. Experience on Reports.
117. What is OData? When is OData used and the filter conditions etc. used in OData?
118. New features of MS CRM 2015.
119. Explain Hierarchy feature.
120. What do we achieve after configuring CRM with Outlook?
121. What are dialogs?
122. Difference between online and on premise CRM.
123. Functionality based question - Entity A has field[A1] with X,Y,Z values, another entity B - has two fields ,C1 with values X,Y,Z and C2 with values information X, information Y and information Z. If A1 and F1 are with same values fetch the C2 values and pop it on a field in entity A. How is this achieved? Also, can it be achieved through OData?
124. What are necessary to send an email through workflow (required configurations).
125. What is the difference between managed and unmanaged solution.
126. Use of Email Router.
127. Based on Project interviewer asked some questions.
128. What was your role in MSCRM implementation project that you worked on?
129. What's the difference between the N: 1 and 1: N relationship.
130. What are various type of services in MSCRM?
131. Explain event execution pipeline for plugin.
132. Explain in brief Sales Module.
133. Explain all entities involve in Sales Management in MSCRM.
134. Explain plugin registration tool.
135. How many ways to customise the form.
136. Tell me about your project
137. Role and responsibility of in team and project
138. If you want do validation on create of Account record. Suppose there are two fields on account say A, B where ever account is created i have check B>A then only I have to Create account, how will you do it. (In Plugin/Java script).
139. If script is used to validated the above scenario, now am creating Account records using 10 external application, will script work on this scenario, if not what is alternative - Sol : Plugin : in which operation it has to register.
140. Shared Variables in Plugin
141. How to call script function on click of ribbon Button in Customization.xml file( Without using Tool)
142. How can u create Display rules and Enable rules in Customization.xml file without using any editor tool.
143. Syntax to pass web resource name as parameter in Customization.xml file
144. Diff b/w Authentication & authorization in MSCRM & .Net
145. Session in ASP.net
146. What is code coverage?
147. Process to retrieve data in to SSRS reports
148. Sample Query's on SSRS reports
149. I have an external integration service, where ever I hit that service it will return an integer value if suppose it will return an error how do you know that?
150. How to call HTML pages on Click of ribbon Button
151. For example you have 2 text boxes and “OK and Cancel” button in HTML Page – on click of “OK: I need to populate data in to the CRM form.
152. What is GAC, why we use GAC to deploy in plugin Storage, using GAC how can we can control Load balancing.
153. If am working on client server machine where can store dependency dll’s?
154. What is activity?
155. How you will create activity
156. What is solution?
157. If option set with 6 options has moved from dev to test as unmanaged and removed two option from dev org and reimporting again.. now what are the options available in test
158. How u will call web service in plugin
159. Worked on Javascript
160. how will u create SSRS reports
161. How will u notify error exception in plugin
162. If synchronous plugin register will revoke the operation on exception?

**Business Scenarios:**

* We have two business units B.U1 and B.U2,in every business unit have one manager and one user they are

Manager 1,User1 in B.U1

Manager 2,User2 in B.U2

Now User1 shared a record to User2 ,User2 and Manager 2 are in B.U2 ,Manager having enough permissions then Manager2 can see the record which shared by user1?

We have one empty field “name” in a form we are applying two business rules for single field

i)

if

name value =” ” ;

then

name value=x;

ii)

if

name value=” ”;

then

name value=y;

then what the value present in the field finally?

Register a plugin to set a random number for “Account number” field then below is the code

if(entity.attributes.contains(“accountnumber”)==false)

{

RandomNum ran=new RandomNum();

entity[“accountnumber”]=ran;

}

Else

How will you create Relationship between two entities?

What is the behaviour of N:N relationship in MS CRM?

How will you authenticate users while using SSIS?

How will you call the Plugin on behalf of Other users? [Impersonation]

{

throw new invalid Exception(“This is System Generated err”)

}

}

What happen when we register plugin as pre- operation & post- operation individually?

1. Explain about your CRM project?
2. Based on Previous project they will ask some questions?

Scenario: In one Custom form you have 3 fields have A, B and C. You need to add A and B and Update the result in C field (i.e. C=A+ B). To achieve this scenario you are using Plugin means what will be your approach?

In CRM you are creating N: N relationship between two entities. How the CRM will handle the Relationship?

1. How will you achieve the Auto Sequence Number using Plugin?

Scenario: You Registered the Auto sequence number plugin on create of record. Two different users creating the record in same time then what will happen for sequence and how will you handle this situation.

1. How will you integrate Asp.Net application with CRM?
2. How will you do Data Migration using SSIS?
3. Why you used custom action in your previous project, explain the scenario.
4. How will you manipulate multiple records from CRM using Plugin?
5. How will you authenticate users in third party application to CRM?
6. What is Organization Data and Organization service in CRM?
7. Did you used business rules in your project? If yes explain briefly?
8. Do you have an experience in SQL? If yes then what is stored procedure?
9. How will you retrieve the N: N relationship entity data?
10. Did you worked on Azure? If yes explain the scenario?
11. Did you work on SSRS?
12. What is OAuth and how it will work?
13. What are types of reports available in MS CRM?
14. Name are stages in Plugin, like 10, 20, 30 etc?
15. What is Images in CRM?(Pre & Post Image)
16. Have you worked on custom workflow?
17. What is Dialog?
18. Difference between Plugin and Work flow?
19. Have you worked with plugin rollback?
20. Client side scripting?
21. Difference between Pre-validation and Pre-Operation?
22. Details of SQl Server knowledge.
23. Custom Dialog by HTML
24. If you want do validation on create of Account record. Suppose there are two fields on account say A,B where ever account is created  i have check B>A then only I have to Create account, how will you do it.(in Plugin/Java script).
25. I have an external integration service, where ever I hit that service it will return a integer value if Suppose it will return an error how do you know that ?
26. How can justify that is coming from external integration service?what you will do in Code.
27. Suppose there are 10 style crop error & 3 fxcrop error among this How can you identify which one is style crop/fxcrop .
28. What is Code Complexity?
29. Why we are using Style crop and fx crop & Code complexity in our Code?
30. Authorization in MSCRM diff b/w Authentication & authorization in MSCRM
31. Session in ASP.net
32. How to integrate crm application to MVC.
33. When you can use plugin in your application.
34. When you can use pre-validation and pre-operation.
35. What is Query Expression and FetchXML.
36. When use Query Expression and why.
37. What is Exception Handling? Why.
38. How to display a message in MVC when error occurred in plugin while case is in processing.(related to events).
39. What is TFS and why.
40. What SSRS and How to create a report in MS CRM Dynamics.
41. What is SSIS and you have involved if any.
42. How to get logs when plugin throws an exception.What is workflow and when u can use workflows.
43. ODATA concept is used in your application or not. If yes, how to use and where.
44. What are the services available on MS CRM. What are they?
45. What are the types of customizations have you done in previous project?
46. What are the types of Privileges are available in CRM?
47. What are the Ownerships in MS CRM?
48. What are the new features in MS CRM 2015 and 2016?
49. What are Security access levels in MS CRM?
50. When did you use Custom work flow?
51. How to configure web resources in MS CRM?
52. When did you use Post Image?
53. Introduce Yourself
54. Tell me about projects you worked and technically how good are you?
55. How will you Handle Exceptions in CRM
56. Scenario: On create of Lead I want to make a phone Call. How will you do that? If So Why?
57. Scenario: On Create of record by default I have to change the owner. Which approach you will use and how will you do that?
58. Scenario: Totally I had five fields on Form and on update of four fields I need to calculate and update it on fifth field. How will you do that?
59. Scenario: I gave you entities, fields and views to create and when you will say that your work is done. I want the process you follow to do this and what are the things to be considered while doing this?
60. Did You work on Developer Tool Kit and Do you know about TFS
61. In Developer Tool Kit there are 20 plugins and I forgot to check in .cs file of one plugin then how can I identify that missing cs file before deploying the package.
62. Do you know Unit Testing
63. If you know the logic then how much time you will take to complete Plugins, JavaScript including unit Testing
64. In your project .NET how you connected to Database? Using which approach why?
65. How good are you in writing HTML, WebAPI and what you did in that?
66. What is CRM and how it benefits to the user with an example..?
67. Explain about your recent project..?
68. What are the modules in CRM..?
69. Scenario: (In 1: N relationship) Microsoft is the parent entity record and Affluent is the child entity record. If I share the parent record, child record will also be shared.
70. What kind of relation you will use..?
71. How to create a CRM record with the user entered data in a website..?
72. Have you worked on reports?
73. Have you worked on SOAP and REST?
74. How to prevent a record if it already exists with certain fields in an entity using plug-in..?
75. Are you comfortable with this projects?
76. Oops Concept.
77. Event pipeline execution.
78. Calling custom action in plugin possible? if so how?
79. On account entity name change plugin has been firedcan we get value of account id?
80. unit testing for crm plugin (mark)
81. pre image post image
82. fetch xml
83. moles unit testing for plugins
84. Explain about the project you have done.
85. Difference between workflow and a plugin
86. On which service the plugin is registered. Ans:- W3wp
87. On which service the workflow is registered.
88. Pre-validation and preoperation with scenarios
89. pre-operation and post operation with scenarios
90. difference between online and on premise with scenarios.
91. difference between unsupported and not advisable ways in crm with examples.
92. managed and unmanaged solutions differences.
93. How to give connection in script component
94. What will happen to error rows in input buffer in script component.  can we get the error rows out of the script component.
95. how to manage exceptions in Script component.
96. Explain the process in script component.
97. scenario: - If in UAT stage there are some changes like delete 1 field and then adding 2 fields. What is the process of development you will follow? Explain each stage like from dev to Qc then QC to UAT.
98. What are security privileges?
99. Scenerio: I have Finance Entity at Organization Level security and have another department Same Organization Level. I need to provide Read Permission what approach I need to follow
100. How to integrate Outlook to CRM
101. How to interact with customers during project development
102. How to access the JSON object in WebPage
103. Plugin Scenarios
104. Scenario 1: I have account Entity I have Name and Custom Attribute DateFiled. There is a requirement that if Name of the Account changed then Datefield need to be updated
105. In target entity you will get Changed value that is new value
106. What is Target
107. What is PreImage
108. What is PostImage
109. What is the base class for Work Flow?
110. How to debug Plugin and Work Flow?
111. SQl Questions on Select Statement
112. How to register plugin?
113. How to get Name of the Entity?
114. What is ODATA?
115. Check list whether you have worked on following

ADX, FieldService, USD, DataMigration, Deployment, Azure, TFS, SSRS, SSIS, UnitTesting, StyleCop and FxCop

1. Difference between Truncate and Delete?
2. Have you worked on Actions, if yes what is the scenario & how have you called the Actions ?
3. Give a scenario on which you will use Pre-Validation and justify why not to use Pre-Operation for this scenario
4. Have you used any Migration tool & any idea on Scribe tool?
5. Have you developed any application(Console or Windows) for CRM, if so explain the functionality?
6. What is Patch and Clone in MS CRM Solutions?
7. Where have you used fakes?
8. Have you worked on Deployment Manager?
9. Why we use filter views instated of tables to work on MS CRM database?

<https://crmbusiness.wordpress.com/2015/03/13/crm-2015-why-filtered-views-are-useful/>

1. Pre-Validation vs preoperation
2. example scenario for pre-validation
3. images and it's uses with scenario
4. custom action real-time scenario
5. SecurityRoles,FieldLevelSecurity
6. The Difficult scenario faced in ms crm