IST 659 – Bug Report and Lessons Learned

Publication Company Database

Ruchita Jadhav
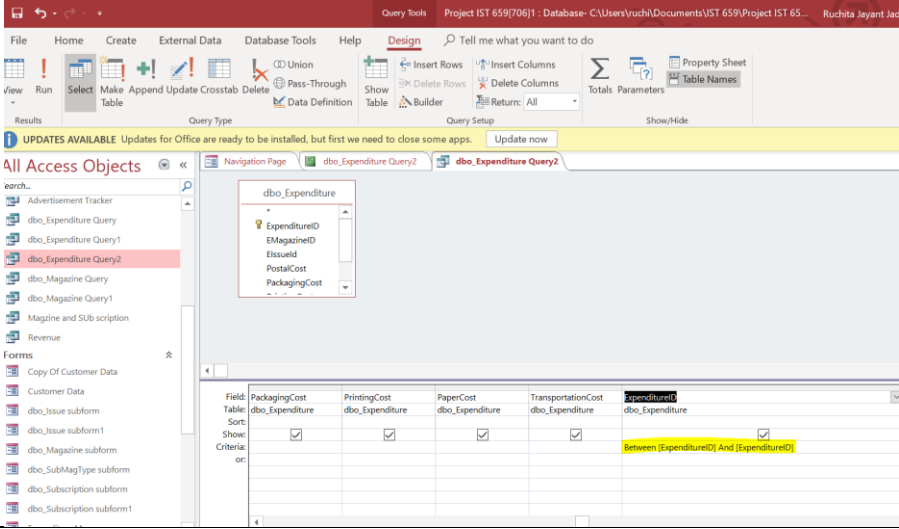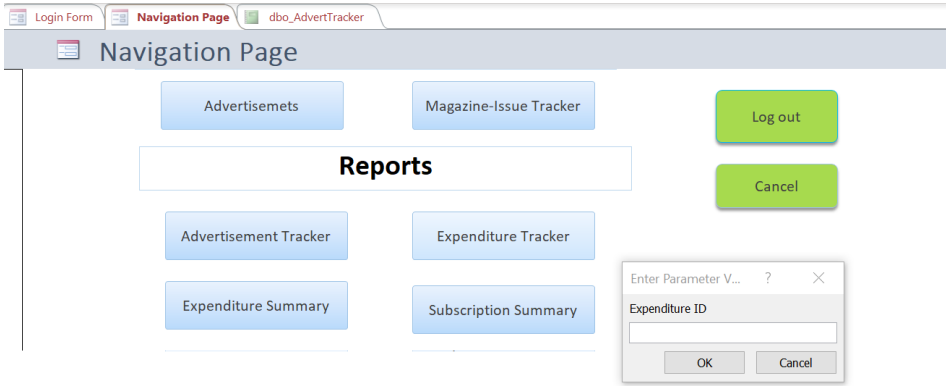
Sanjeev Ramasamy Seenivasagamani
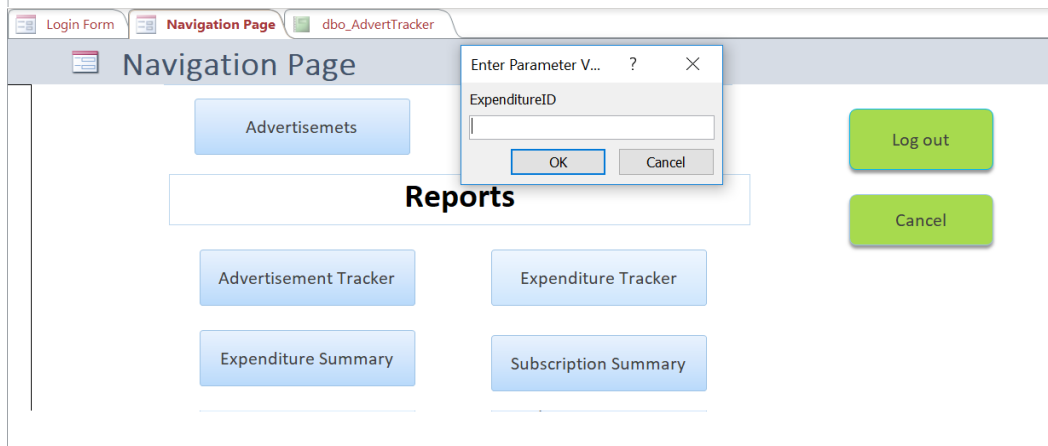
Contents

Bug Report:

Bug 1:

<u>Description:</u>	The report "Expenditure Tracker" is parametrized report. It should prompt only 2 parameters : Expenditure Id and Issue Id. But it was prompting to 3 parameters: Expenditure ID, Issue ID and ExpenditureID
<u>Status:</u>	Resolved
<u>Resolution:</u>	Fixed the Expenditure in the query ' dbo_Expnditure Query2' for the parameter prompt.
<u>Screenshots:</u>	Before:

Navigation Page

Advertisemets

Magazine-Issue Tracker

Log out

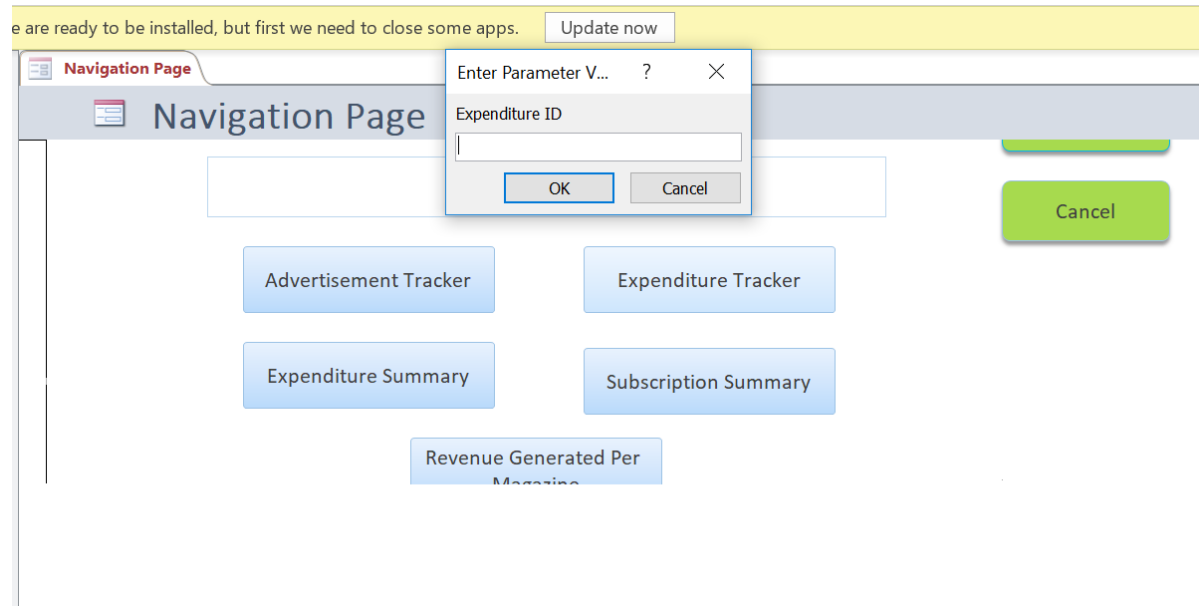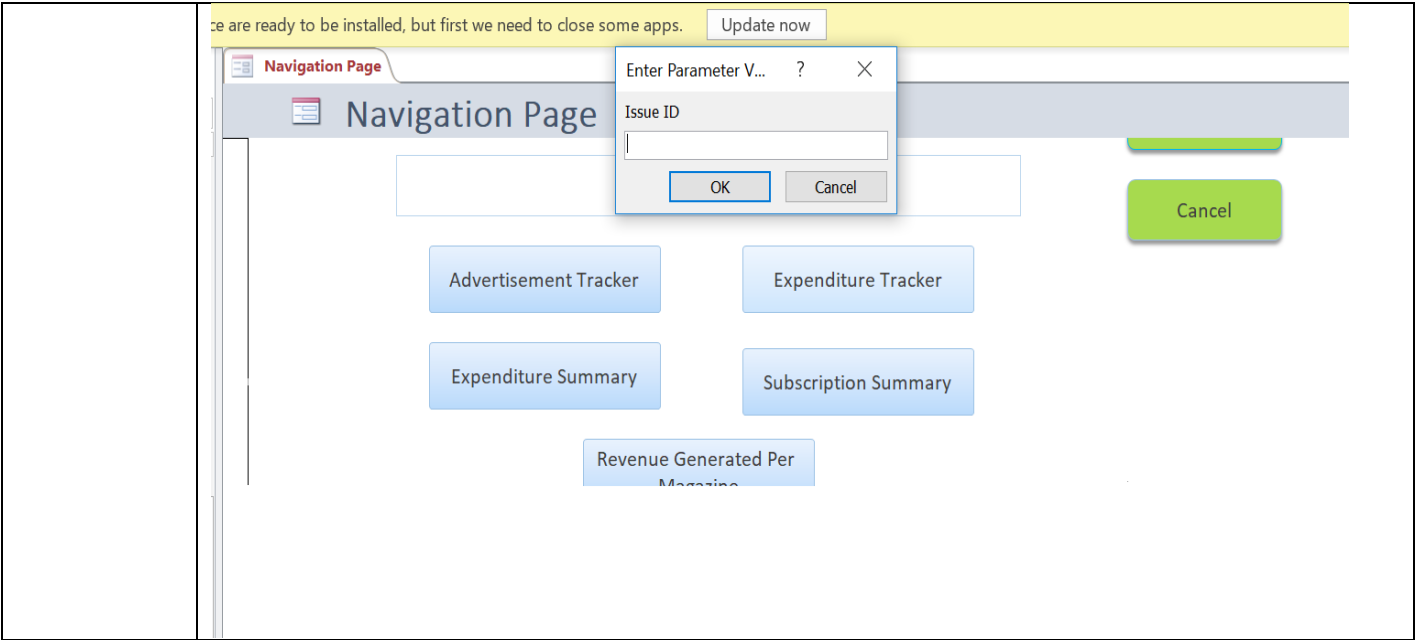**Reports**

Cancel

Advertisement Tracker

Expenditure Tracker

Expenditure Summary

Subscription Summary

Enter Parameter V...   ?   ×

Issue ID

1

OK   Cancel

Navigation Page

Enter Parameter V...   ?   ×

ExpenditureID

OK   Cancel

Advertisemets

Log out

Reports

Cancel

Advertisement Tracker

Expenditure Tracker

Expenditure Summary

Subscription Summary

After:

e are ready to be installed, but first we need to close some apps.   Update now

Navigation Page

Navigation Page

Enter Parameter V...   ?   ×

Expenditure ID

OK   Cancel

Cancel

Advertisement Tracker

Expenditure Tracker

Expenditure Summary
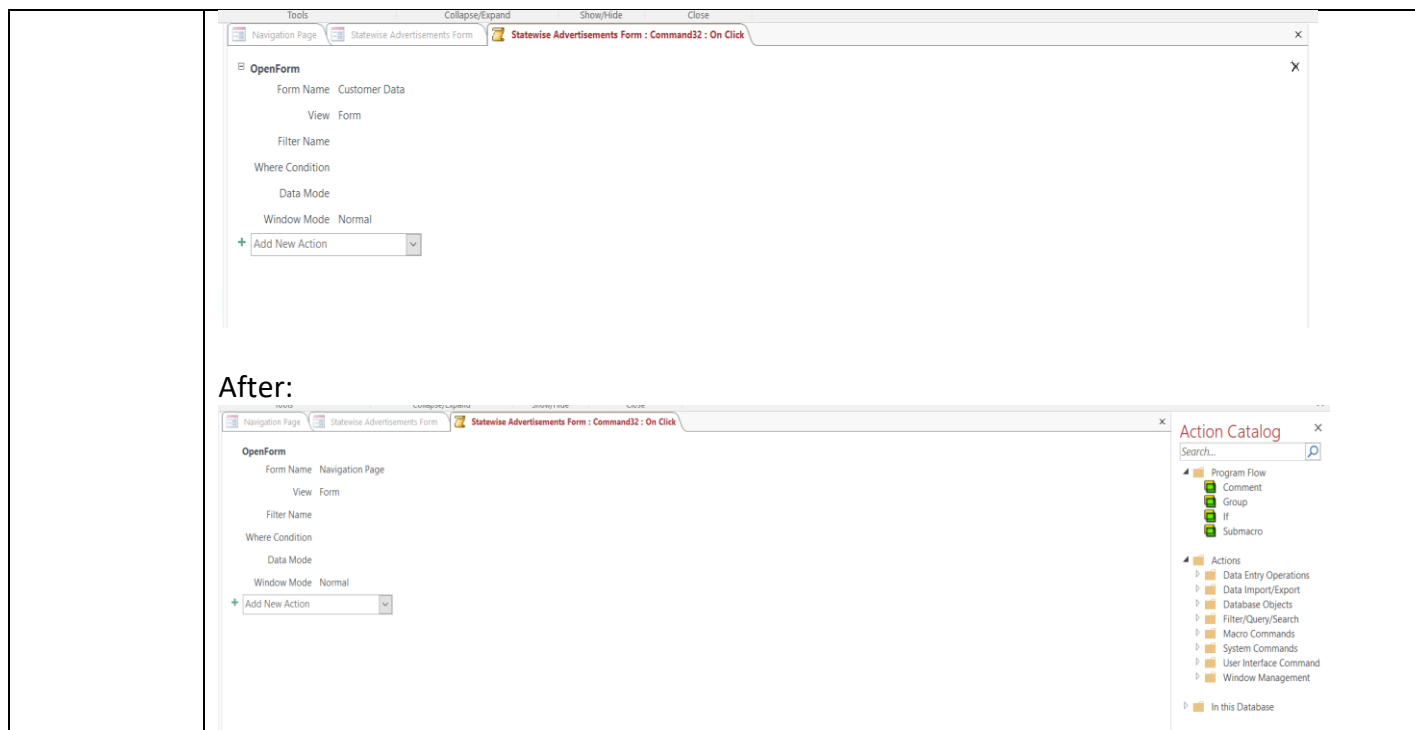
Subscription Summary

Revenue Generated Per
Magazine

Bug 2:

Description:	From the Navigation page, we can view all the forms and report that are available for the user. In these options, 'State-wise Advertisement' form provides the list of all the clients in each state. But, when we click on the 'Go to navigation' icon, instead of taking us back to the navigation pane, it takes is to the 'Customer Data' form.
Status:	Resolved
Resolution:	This bug was fixed by changing the 'on-click' macro from the design view.
Screenshots:	Before:

After:

Bug 3:

Description:	Once we reach the 'Revenue Generated Per Magazine' report from the 'Navigation' form, we found that there is no way to get back to the navigation form.
Status:	Resolved
Resolution:	We inserted a new icon which redirects the user to the 'Navigation' form.
Screenshots:	Before:

Revenue Generated Per Magazine

Magazine ID	Magazine Name	Subcription ID	Total Revenue
VOG	VOGUE	19	276
VOG	VOGUE	1	138
VOG	VOGUE	2	138
VOG	VOGUE	7	138
VOG	VOGUE	8	138
VOG	VOGUE	12	138
VOG	VOGUE	20	138
VOG	VOGUE	420	138
VOG	VOGUE	6	276
VOG	VOGUE	4	69
VOG	VOGUE	9	276
VOG-E	VOGUE	14	252
VOG-E	VOGUE	15	63
VOG-E	VOGUE	17	63
VOG-E	VOGUE	18	63
VOG-E	VOGUE	10	126
VOG-E	VOGUE	11	126
VOG-E	VOGUE	13	126
VOG-E	VOGUE	16	126
VOG-E	VOGUE	3	252
VOG-E	VOGUE	5	63

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After:

Revenue Generated Per Magazine

Magazine ID	Magazine Name	Subcription ID	Total Revenue
VOG	VOGUE	19	276
VOG	VOGUE	1	138
VOG	VOGUE	2	138
VOG	VOGUE	7	138
VOG	VOGUE	8	138
VOG	VOGUE	12	138
VOG	VOGUE	20	138
VOG	VOGUE	420	138
VOG	VOGUE	6	276
VOG	VOGUE	4	69
VOG	VOGUE	9	276
VOG-E	VOGUE	14	252
VOG-E	VOGUE	15	63
VOG-E	VOGUE	17	63
VOG-E	VOGUE	18	63
VOG-E	VOGUE	10	126
VOG-E	VOGUE	11	126
VOG-E	VOGUE	13	126
VOG-E	VOGUE	16	126
VOG-E	VOGUE	3	252
VOG-E	VOGUE	5	63

Back to Navigation

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Bug 4:

Description:	According to current implementation, the inserted in tables via forms is inserted by employees of the publication company.
	In order to achieve the complete automation there should be no manual intervention.
Status:	This fix is beyond the scope of this project/unresolved
Resolution:	The current project achieves the minimal manual intervention thereby helping the publication company in resolving the major issues such as efficient data retrieval, insertion and updating.
	In order to achieve 95-100% automation, the ETL batch jobs should be created that fetched data directly from the upstream systems.

Lessons Learned:

1. In this subject I learned basics needed for a career in database development, data warehousing, or business intelligence, as well as for the entire Data Warehousing for Business Intelligence specialization.
2. We learned the importance of business operations and business rules and how we should use them to drive the creation of the requirements for our systems.
3. We learned about new databased management system, MS SQL and related syntax.
4. We learned new tool, MS Access and how to use it for creating the User Interface.
5. While working on project we learned about end-to-end project cycle, which involved requirement gathering, initial project proposal, development, implementation and testing.
6. Due to project we were able to apply the concepts learned in the subject to the real-life scenario.