1. To open IBM Rational Software Architect v8.0

Please navigate through the following:

Start->All Programs->IBM Software Delivery Platform->IBM Rational Software Architect for WebSphere Software 8.0.1->IBM Rational Software Architect for WebSphere Software (click here)



Once you click you can see the following screen.

2. Creating a Project in IBM Rational Software Architect

File -> New..-> Model Project

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3. Give a Project Name and Click on Next

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Create Model Project						
Create a new model project.						
Project name: CSC513_CaseStudy						
✓ Use <u>d</u> efault location						
Location: C:\RSAv8\workspace\CSC513_CaseStudy	B <u>r</u> owse					
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☑ Create new model in project						
Standard template						
© <u>Existing model</u>						
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4. Rename File name: to the name you like or you can leave it as it is.

🙆 Model Project					
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Show All Templates Template description: Create a new blank UML package. All UML tools are enabled.					
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5. Select Default diagram type : Deployment Diagram

😢 Model Project						
Package Details						
Select the kind of package to create, if applicable, and/or create a default diagram.						
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Default diagram						
Create a default diagram in the new package.						
Default diagram type: Deployment Diagram						
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6. Click Finish to create the Project

🙆 Model Project	
Model Capabilities	
Select the capabilities to associate with the new model.	
Customize <u>UI</u> visibility for this model by selecting capabilities below	
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Enable All Disable All	Restore Defaults
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7. Navigate through following

CSC513_CaseStudy->Models->CaseStudy Right click on the CaseStudy and select Add Diagram->Sequence Diagram



 Now you can view the canvas for creating sequence diagram.
 On the right side there is a Palette from which you can choose all UML options to create a Sequence diagram



9. Left Click on "LifeLine" and drag it onto the canvas. Click on Create Class to give a name to the Object.





10. Create an Asynchronous Message between the two classes in the following way.

11. Drag an "Alternative Combine Fragment" to provide an ALT option. You can provide guard or condition in the following way.

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12. Following is a sample sequence diagram.



13. To save the sequence diagram as Image

Right Click on Canvas and Select File->Save As Image File...



You can find of lot of options for saving the image eg PNG, GIF, BMP, JPEG etc.

😒 Save As Image File 💽					
Folder: C:\RSAv8\workspace\CSC513_CaseStudy Browse					
<u>File Name:</u> CaseStudy_SequenceDiagram1.png					
Image Format: PNG 🔹					
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Export to HTML					
OK Cancel					

14. In order to reuse your project you can export the Project by right clicking on CSC513_CaseStudy->Export..

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15. Save as Archive File.

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Select Export resources to an archive file on the local file system.	ß					
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type filter text						
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