

# Assignment for creating RTM.

1. Create an new RTM to scriptpath. The name of the RTM file should be your last name.  
You can create a new RTM from RIDE > File > New RTM.
2. Add following fields to RTM:
  - First name
  - Last name
  - Middle name
  - Date of birth. Field mask should be “nn-nn-nnnn”
  - Attachment button. With a label “Attachment”
  - RTF field for comments
3. Set the caption of the RTM to “My RTM” and set screen type to “Normal”.
4. Link the RTM to Reports and Forms menu. For that:
  - Open the reports and forms menu.
  - Press Ctrl+k
  - Add a new menu Item
  - Set the caption of the item to “My RTM”
  - Link your RTM to the menu item that you have created, so that the screen would be opened if you select the menu item. Easiest way would be to add the RTM filename to the menu items link property.
5. When the RTM is opened from the menu, then *usefile* should be set to “MyEMR” and *index* should be set to *userid*. Best practice is to set the *usefile* and *index* in `WINDOW_SetContext()` event.
6. Create an on open event that would automatically fill the first and last name fields. The values can be pulled from ‘users’ table. Since the *index* will be *userid*, then you can match it with user code from the ‘users’ table. You can get the name with a MySQL query or by using built in function *getdata()*.
7. Add a new label that would show users age. Age is calculated based on Date of Birth.
8. Create an events that would calculate the age on the created label when RTM is opened and would update the age when Date of Birth is updated.
9. Create a new file in your local computer and answer the following questions(the file can be in plain text, word, or pdf format):
  - In what directory(full path) is the RTM, that you created, located?
  - What happens when you focus on the Date of Birth field and press Tab?
  - Is it possible to just enter the RTM filename to the link that was created in step 4 or should there be a full file path? Why is it so?
  - After completing step 5, in what table is the information, that can be inserted from the window, stored. Please list the custom table name and any other tables that might be linked to it.
  - Do you think is good practice to store the first and last name fields on the record(take into account that the first and last names in this scenario are pulled from ‘users’ table) and then refresh them when record is opened? Why do you think so?

10. Attach the answers to the Attachment button on the screen that you have created.
11. If you have any comments about the assignment, then feel free to leave them in the comments field that you created.
12. Check in all the files that you have created/modified during this assignment. Files should be related to the assignment.