**GO16\_AC\_CH08\_GRADER\_8G\_HW - Hospital Expansion**

**Project Description:**

*In this project, you will manage a database for the upcoming hospital expansion. To complete the project, you will create macros to automate the process.*

**Instructions:**

For the purpose of grading the project you are required to perform the following tasks:

| **Step** | **Instructions** | **Points Possible** |
| --- | --- | --- |
| **1** | Start Access. Download, save, and open the database named *go\_a08\_grader\_h3.accdb*. | 0 |
| **2** | Open the 8G Intro Screen form in Design view. Change the Pop Up and Modal properties to Yes. Save and close the form. | 6 |
| **3** | Create a macro to open the 8G Intro Screen form with the comment **Opens 8G Intro Screen form** immediately following the action. In the Show/Hide group, be sure the Show All Actions button is active. Save the macro as **autoexec**. | 10 |
| **4** | Add the action OpenForm to open the 8G Projects form with the comment **Opens 8G Projects form** immediately following the action. | 10 |
| **5** | Add the action DisplayHourglassPointer with the Comment **Displays the busy icon** immediately following the action. | 10 |
| **6** | Add the Echo action. In the Echo Action Block, change the Echo On box to No. Click in the Status Bar Text box, and then type **Macro is running**. Add the Comment **Hides the flickering screen as the macro runs** immediately following the action. Move the first OpenForm action and comment below the Echo macro comment. Save and close the macro. | 18 |
| **7** | Open the 8G Projects form in Design view. In the Form Header, add a Button control at the 3-inch mark on the horizontal ruler and 0.5-inch mark on the vertical ruler with the caption **&Summary**. Embed a macro to Open the 8G Projects report in Report view. Save and Close the macro. Save and close the form. | 16 |
| **8** | Open the 8G Projects table in Datasheet view. Add a data macro Before Change. Add the If Block with the condition **[Total Bid Amount]<=[Budget Amount]**. | 10 |
| **9** | In the If Block, add the SetField action to set **Bid Status** to **"Accepted"**. | 6 |
| **10** | In the If Block, add an Else block, and then add the SetField action to set **Bid Status** to **"Rejected"**. Close the Macro Designer, saving changes. Save the table. | 8 |
| **11** | In Record 6, update the Total Bid Amount to **86941000**, in Record 7 update the Total Bid Amount to **100036**. Click in the first field in the first record, and notice the updates to the Bid Status field. Close the table. | 6 |
| **12** | Save the database. Close the database, and then exit Access. Submit the database as directed. | 0 |
|  | **Total Points** | **100** |