**Event Planning Document**

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| **Program Name** | **Developer** | | **Object** | | **Date** |
| Mobile Developers Conference | Lisa Kilker | | frmMobileDevelopersConference | | March 17, 2017 |
| **Object** | | **Event Trigger** | | **Event Processing** | |
| btnCalculateCosts | | Tap or Click | | Declare ConferenceAttendee Object  Declare CourseAttendee Object  Declare Boolean Input Error indicator  If Conference ID is empty, display error message  If Conference ID is larger than 5 characters, display error message  If Conference ID is not numeric, display error message  If First name not entered, display error message  If Last name not entered, display error message  If Number of days is not entered, display error message  If number of days is less than 1 or greater than 4 display error message  If number of days is not numeric display error message  If conference rad button isn’t selected display error message  If conference rad button is selected display course options  If a course option is selected instantiate course attendee object with arguments. Set display label to visible.  Else instantiate cost for regularly attendee by calling the conference attendee procedure. | |
| radAndroidTrack Radio Button | | selected | | Display group courses | |
| radStoreTrack Radio Button | | selected | | Display group courses | |
| btnClearForm | | Selected | | Clear Corporate ID text box  Clear First Name text box  Clear Last name text box  Clear Android Track Radio button  Clear Store Track Radio Buton  Clear Security Radio button  Clear design radio button  Clear Databases radio button  Clear Display label  Hide Display label  Sets focus to tab 1 – corporate ID text box | |
| New ConferenceAttendee | | Class Constructor | | Set Conference Attendee equal to passed Corporate ID convert to integer  Set Conference attendee first name equal to passed first name  Set Conference attendee last name equal to passed last name  Set conference attendee num of days attending to equal number of day attending convert to integer | |
| ComputeCosts | | Function Procedure Call | | Cost = Cost of conference \* number of days attending  Write to the conference attendee record  Return the cost | |
| Write Record | | Function call procedure | | Writes the corporate ID, first name, last name, and total cost to the text file.  Closes the text file | |
| New CourseAttendee | | Class Constructor | | Call base constructor (corporate ID, first name, last name, number of days attending)  Set security Boolean to passed security Boolean  Set design Boolean to passed design boolean  Set databases Boolean to passed databases Boolean  Cost = cost of conference \* number of days attending + course cost  Write to conferenceattendee file  Return the cost | |