I felt that there were some queries that were too long to put into the Controllers so I made stored procedures for them. Below has each stored procedure laid out so you can reference them.

***CREATE PROCEDURE advisorAppointmentHistory(\_instructor\_id int)***

***begin***

***-- We are getting anything that is less than todays date as history***

***select \* from AdvisingTimes as a***

***where startDate < date(SYSDATE()) and a.id = \_instructor\_id***

***order by startDate asc;***

***end***

***CREATE PROCEDURE appointmentHistory(\_student\_id int)***

***begin***

***-- We are getting anything that is less than todays date as history for a student***

***select \* from AdvisingTimes as a***

***join students as s on a.id = s.instructor\_id and s.user\_id = \_student\_id***

***where startDate < date(SYSDATE()) and a.Student\_ID\_Registered = \_student\_id***

***order by startDate asc;***

***end***

***CREATE PROCEDURE deleteStudentIDFromAdvisingTimes(\_uniId int, \_student\_id int)***

***begin***

***UPDATE AdvisingTimes set Student\_ID\_Registered = NULL where uniId = \_uniId and isLocked != 1;***

***End***

***CREATE PROCEDURE getRegisteredAppointments(\_instructor\_id int)***

***begin***

***-- Get registered appointment slots for the logged in advisor***

***select \* from AdvisingTimes where id = \_instructor\_id and Student\_ID\_Registered is not NULL and startDate >= date(SYSDATE());***

***end***

***CREATE PROCEDURE getUnfilledAppointementSlots(\_student\_id int)***

***begin***

***-- Get available appointment slots for the student from their advisor***

***select a.uniId, a.Day, a.startDate, a.StartTime, a.EndTime, a.TimeBlock from AdvisingTimes as a***

***join students as s on a.id = s.instructor\_id***

***where s.user\_id = \_student\_id and a.Student\_ID\_Registered is NULL;***

***end***

***CREATE PROCEDURE lockAppointment()***

***BEGIN***

***-- Lock the appointment that is 24 hours or less***

***update la set locked=1 where t BETWEEN DATE\_SUB(NOW(), INTERVAL 1 DAY) AND NOW();***

***END***

***This one was to do repeating advising blocks***

