Advanced Web Development – Coding Challenge 2

The code challenge should cover all the topics below:
- Authentication
- Queues and Jobs
- Sending E-Mail & Notifications
- Creating Artisan Commands

#Authentication
1. As a User, I want to be able to perform authentication for accessing the dashboard.
2. As a User, I want to be able to reset my password.

#Queues and Jobs, Sending E-Mail & Notifications, Creating Artisan Commands
For students who finished the first code challenge:
1. Send an email to the gym member 2 minutes after it is registered in the database.
2. Send an email to the gym member 3 and 2 days before the membership expires. In the email template include the days left.
3. Send an email to the gym member when the membership expires.
4. Send an email to the gym member when the delete action is performed. The email should explain that the membership is canceled.

For students who did not finish the first code challenge:
a) Data:

1. Generate some dummy data that represent some appointments. An appointment should contain the attributes: email, title, at_date_time. Store these data in databases from a migration.
2. Show the generated appointments in dashboard.

3. Allow the user to delete an appointment.

b) Processing

5. Send an email to the user 3 and 2 days before the appointment. In the email template include the appointment details.
6. Send an email to the user when the appointment has passed.
7. Send an email to the user when the delete action is performed. The email should explain that the appointment is canceled.