Setup new loopback 3 "api-server" nodejs application.
Connect it to a database(mysql or postgres), move all default (auth) models to use that database as datasource(instead of memory by default).

Create an API for events calendar application(no UI needed), all of API functionality should require authentication(access key).
API should have following features:
1. Register and login
2. Get a list of all events, list of public events(shared between users) and list of private events(seen only by user who created them)
3. Events should have title, description, date start and date end of event.
4. User should be able to search for events by title
5. Any user should be able to vote on public events, to confirm if they are real, all votes "for" and "against" should be stored and incremented on new votes
6. User can update title, description and dates on private events
7. User can remove private events
8. Create a service which will send email notification for private events to a user who created them, service should run every hour and send notification for events coming up in next hour(actual email does not have to be sent, just create "mail" method which will output into console what email and to who it should be sent).
9. All db records should have timestamps when they were created and when last record update happened

Although some of the features above could be implemented over single POST request to update route, create custom routes/remote methods for them.

Database tables schema should be defined in models, database structure changes should not be made manually.
All of the features should be working in loopback API explorer, and will be tested that way.
Provide a short readme file on what needs to be done to get application running.