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**Computer & Electronic Engineering**

**Final Year Project "Music Host Interface"**

**Sprint 4: Week 2 Log**

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**24/01/16**

**Update:**

Previously I had put elements of my "model" into the constructor of my Screen2 Controller object.

**Research done:**

Controller initialization interface

Called to initialize a controller after its root element has been completely processed.

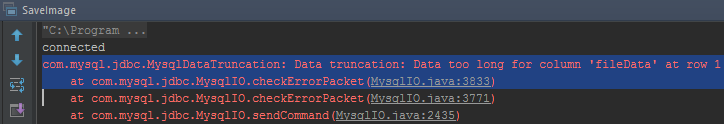
**Parameters:**

location - The location used to resolve relative paths for the root object, or null if the location is not known.

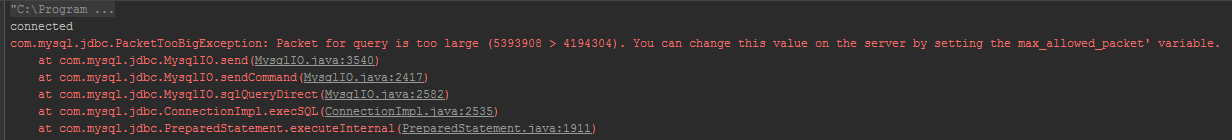
resources - The resources used to localize the root object, or null if the root object was not localized.

**Problems encountered:**

There seems to be a problem with loading the "screen2.fxml" when I try to open it from intelliJ. The solution seems to be to create a copy of the file and then open it. This is only really a problem when I'm tweaking the layout of the GUI or adding new components. Otherwise I can edit the fxml code directly in IntelliJ.



MysqlDataTruncation



packetTooBigException:

**Solution to problem**:

**ALTER** **TABLE** localsongdatabase **MODIFY** fileData **LONGBLOB**;

**Code update:**

**CREATE** **TABLE** localSongDatabase

(

songID **int** ,

songName **varchar**(50) ,

artistName **varchar**(50) ,

fileData **varbinary**(8000)

);localsong

**Git:**

**Repo: FYP-GUI**

**commits:** #24 **"**Move code from screen 2 constructor to initialize()"

**Repo: FYP-Database**

**commits:** #24 **"**Move code from screen 2 constructor to initialize()"

**Tasks completed:**

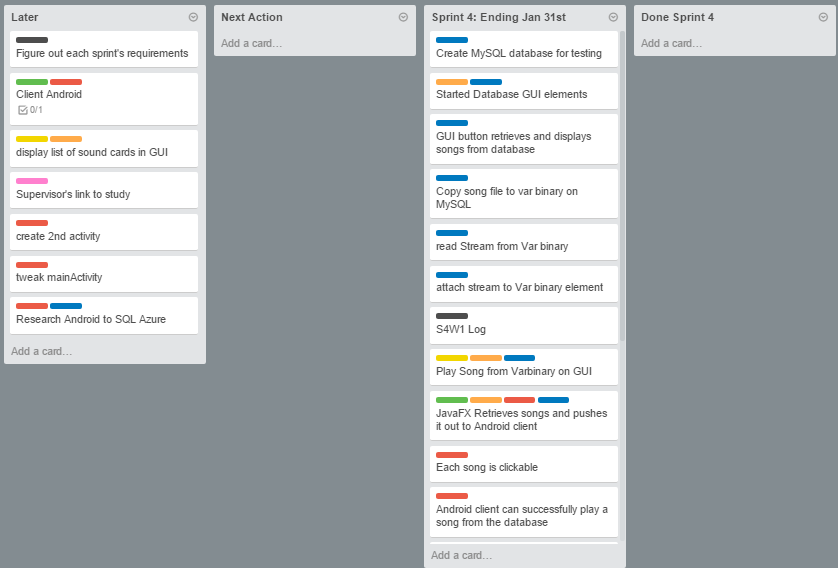
Move code from screen 2 constructor to "initialize()"

create MySQL database for testing

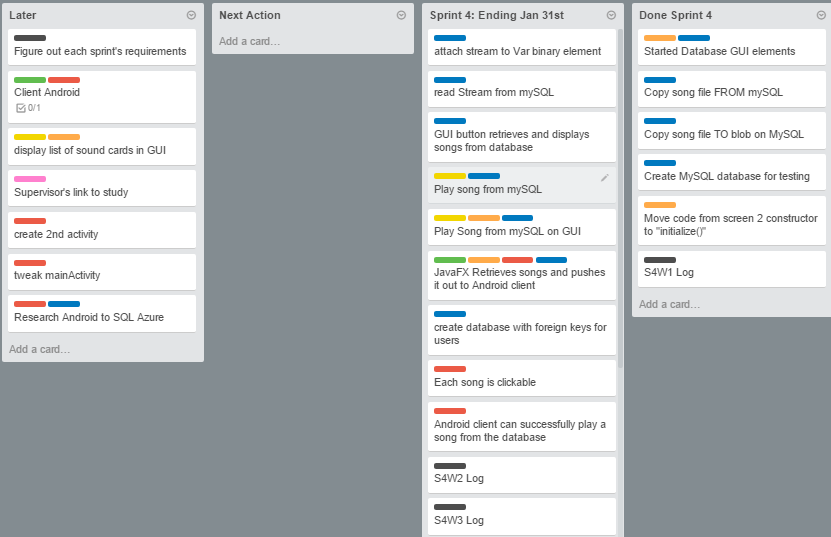
Copy song file to blob on MySQL

Started database GUI elements

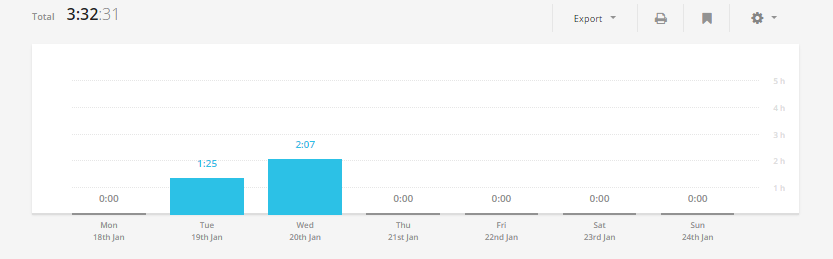
**Board at the start of the week:**

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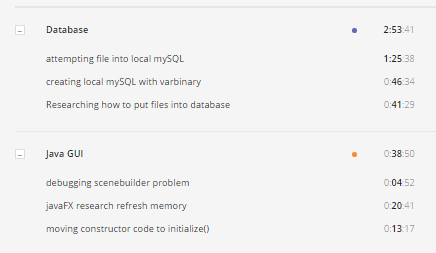
**Board at the end of the week:**

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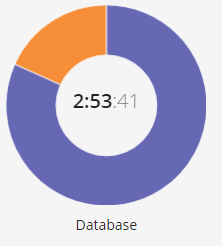
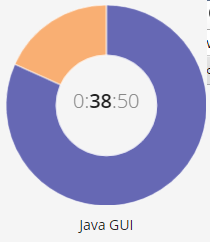
**Weekly time Log bar chart:**

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**Weekly Time Log:**

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**Weekly log Pie Charts:**

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**Link References:**

**javafx research:**

https://docs.oracle.com/javafx/2/api/javafx/fxml/Initializable.html