

Deliverable 6 – Final Application

The final deliverable contains the source code of the full implementation on each supported platform (i.e., for your desktop/laptop app, mobile app, and web app). The final application should address the following topics:

- Correctness and comprehensibility of the implementation of the four main features
 - Album including songs and artists
 - Playlists
 - Rooms
 - Assigning music to groups of rooms
- Usability of your application
- Testing of your applications
- Release pipeline for your application

Your team may also submit an optional report to discuss anything related to the project (e.g., comments about your implementation, testing approach, or release pipeline; comments about what worked well and what did not work well; comments about how to run your application if this is different than for the Event Registration System). The report may at the most be **two** pages long.

Submission

The project is to be done by the same teams of FOUR or FIVE students as for the previous deliverables. For Deliverable 6, your team is required to hand in an **optional report** and **three individual zip files** by **Friday, April 15, 2016 23:30**. The report must be either an MSWord file or a PDF file. If you are using an application other than MSWord, convert your report first to either a PDF file or a DOC(X) file. For the zip files of your desktop and web applications, use the Export feature of Eclipse to create an Archive File (Export – General – Archive File) of the project. For the zip file of your mobile application, simply zip up the folder of your Android project with your favorite archiving tool. If you realize that you need to make changes to the submission of one of your applications, do not resubmit only the file(s) that have changed, but rather resubmit another complete zip file.

Each team member must make contributions to the deliverable. A team member who does not contribute to the deliverable receives a mark of 0 for the deliverable. A team member may optionally email a confidential statement of work to the instructor before the due date of the deliverable. A statement of work first lists in point form the parts of the deliverable to which the team member contributed. In addition, the statement of work also describes whether the work load was distributed fairly evenly among the team members. A statement of work may be used to adjust the mark of a team member who is not contributing sufficiently to the deliverable. It is not necessary to send a statement of work, if a team distributed the work for the deliverable fairly evenly and each team member contributed sufficiently.

Marking Scheme

<i>Part of Assignment</i>	<i>Marks</i>
Desktop/laptop application	32
Album including songs and artists	8/32
Correct implementation of functionality	5/7
Correct implementation of persistence	1/7
Correct implementation of validation checks	1/7
Usability	1/7
Playlists	5/32
Correct implementation of functionality	3/5
Correct implementation of persistence	0.5/5
Correct implementation of validation checks	0.5/5
Usability	1/5
Rooms	3/32
Correct implementation of functionality	1.5/3
Correct implementation of persistence	0.5/3
Correct implementation of validation checks	0.5/3
Usability	0.5/3
Assigning music to groups of rooms	6/32
Correct implementation of functionality	4/5
Correct implementation of persistence	0.5/5
Correct implementation of validation checks	0.5/5
Usability	1/5
Comprehensibility of source code	4/32
Testing of application	6/32
Same marking scheme for Mobile application	32
Same marking scheme for Web application	32
Release pipeline	4
Total Marks:	100
The total mark may be adjusted based on the actual contributions of a team member to the deliverable.	