



## **Software Project Management Lab 4 (3490U)**

Student Names	Student ID's
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### **Risks**

Software inconsistency is a major risk that will be affecting our software through its entire life cycle because software is expected to run on a vast variety of devices therefore to avoid this risk we will have to devote some of our development time towards software test to ensure that our program will be fully functional and consistent no matter which device it is being used on.

Another huge risk that our software will be facing is illegal/unauthorized music download. Since the artists will be uploading their music on our platform for streaming purposes, we will need to implement a countermeasure to prevent users from just downloading the songs. So to accomplish this, we will implement a system in our program that automatically encrypts and convert the uploaded song into our own unique file type that can only be read by our software.

### **Resources**

Activity	Teams/team members	Description
Acquire Music Licenses	Mike Ross, Lawyer	Mike Ross is responsible for creating a general music license to be used by creators on the platform. Protects creators from copyright infringement, and insures creators are compensated for their music distribution.
Design and Implement Databases	Database Engineering team	This team is tasked with creating a functional back end database to store user information, music and be able to accept user data
Design GUI	Android Software Team	This team is responsible for developing an android application for our platform
Design GUI	IOS Software Team	This team is responsible for developing an IOS application for our platform
Design GUI	Web Software Team	This team is responsible for developing a web interface for out platform
Risk Encryption	Encryption Team	This team is responsible for developing an encryption algorithm to convert uploaded songs into our own unique file type that can only be accessed by our platform

		Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	Predecessors ▾	Resource Names ▾
1			▲ Music Hub	18 wks	Fri 2/1/19	Fri 6/7/19		
2			Hardware/System requirements	4 wks	Fri 2/1/19	Thu 2/28/19		Stakeholders
3			Aquire Music Licenses	14 wks	Fri 3/1/19	Fri 6/7/19	2	Mike Ross, Lawyer
4			▲ Software Tasks	14 wks	Fri 2/1/19	Fri 5/10/19		
5			Software Platform Selection	4 wks	Fri 2/1/19	Thu 2/28/19		Stakeholder
6			Design and implement Databases	6 wks	Fri 3/1/19	Fri 4/12/19	5	Database Engineers
7			Risk Encryption	4 wks	Mon 4/15/19	Fri 5/10/19	6	Encrpytion Team
8			Design GUI	4 wks	Mon 4/15/19	Fri 5/10/19	6	Android Softwar
9			Design GUI	4 wks	Mon 4/15/19	Fri 5/10/19	6	IOS Software Tei
10			Design GUI	4 wks	Mon 4/15/19	Fri 5/10/19	6	Web Software T
11			▲ Office Tasks	13 wks	Fri 2/1/19	Fri 5/3/19		
12			Hire Staff	8 wks	Fri 2/1/19	Fri 3/29/19		Project Manager
13			Configure Software Teams	2 wks	Mon 4/1/19	Fri 4/12/19	12,5	Project Manager
14			Training	3 wks	Mon 4/15/19	Fri 5/3/19	13	Developers
15			Install and Test/Risk assesment	4 wks	Mon 5/13/19	Fri 6/7/19	8,14,9,10,7	Developers, Beta Users

