



# AUDIO BUZZ COMMUNITY

COVER PAGE

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# Project Definition | SECTION I

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**Definition** - The title of my Capstone project is going to be **Audio Buzz Community**. The Capstone project will involve the construction and management of a community based WordPress Site with over 10 plugins centered around music.

## Assumptions

- Plugins and Templates for WordPress will be readily available
- Constraints
- Finding the right plugins
- Number of Resources
- Finding investors

## Risks

- Plugins conflict with each other
- Lack of User feedback
- Limited Memory
- Slow Runtime
- Time Management

## Stakeholders

- Investors
- Members with accounts to the site

## Project dependencies

- WordPress Plugins
- WordPress Templates
- User Interaction

## Scope specifications

- Research
- Download plugins such as USERPRO and Ultimate Membership Pro
- Build WordPress site
- Create online account that allows Users to log In
- Review

## Out-of-scope specifications

- Mobile application build
- Online Purchases
- PayPal Implementation
- Analytics tracking

## Requirements | SECTION II

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Below is a list of Requirements for my WordPress Site

- User Login such as a Facebook Login
- 10 Community Based Plugins
- Proper Navigation Menu and Search Bar
- Facebook, Instagram and other Social Media site integration
- Allow Users to Post Content
- Evoke Responses
- User interaction
- Easy communication with site admin
- Email Capabilities
- Mobile Capability

## Work Breakout Structure | SECTION III

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### **I Finish Project Plan**

- 1.1 Determine Project idea
- 1.2 Determine Project Goals
- 1.3 Determine what applications are needed

### **II Finish Research Phase**

- 2.1 Research Community Based Plugins
- 2.2 Research WordPress Templates

### **III Create Sitemap**

- 3.1 Determine Plugins wanted

3.2 Determine Template wanted

3.3 Create outline of site

## **IV Create Website**

4.1 Implement Template

4.2 Upload Content

4.3 Implement Plugins

## **V User Test**

5.1 Run content/plugins

5.2 Perform full website test

5.3 Turn over site to users for review

## **VI Submit Final Capstone**

6.1 Obtain finalized user reviews

6.2 Send for professor approval

6.3 Obtain Final signoff on project

## Risk Management Plan | SECTION IV

### Risk Management:

<b>TASK</b>	<b>RISK</b>	<b>SOLUTION</b>
Download WordPress	Security Vulnerability	Create Strong Password
Download Plugins	Plugins conflict with each other	Download plugins for very specific needs
Upload Content	Limited Memory	Contact Hosting Provider
Run Site	Slow runtime	Enable Automated Updates for site

### Raid Log:

<p><b>Risk</b></p> <ul style="list-style-type: none"> <li>• Plugins conflict with one another</li> <li>• Update on one plugin may have an adverse effect on other ones</li> <li>• Security Threats</li> </ul>	<p><b>Assumption</b></p> <ul style="list-style-type: none"> <li>• Access to thousands of WordPress Plugins</li> <li>• Access to WordPress Templates</li> <li>• Online resources and examples to draw from</li> </ul>
<p><b>Issue</b></p> <ul style="list-style-type: none"> <li>• Portion of project takes longer than expected</li> <li>• Lack of stakeholder engagement</li> <li>• Change in scope of project</li> </ul>	<p><b>Dependency</b></p> <ul style="list-style-type: none"> <li>• Paid domain</li> <li>• Online WordPress account</li> <li>• Plugin installations</li> <li>• Downloaded WordPress template</li> <li>• Finished content</li> </ul>

# Schedule, Milestones and Deliverables | SECTION V

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Start Date – 1/15/18

End Date - 2/15/18

## Time Estimates

### I Finish Project Plan (Best 3 hours: Expected 5 hours: Worst: 9 hours)

- 1.1 Determine Project idea (Best: 1 hour, Expected: 1.5 hours, Worst: 3 hours)
- 1.2 Determine Project Goals (Best: 1 hour, Expected: 1.5 hours, Worst: 3 hours)
- 1.3 Determine what applications are needed (Best: 1 hour, Expected: 2 hours, Worst: 3 hours)

### II Finish Research Phase (Best: 5.5 hours, Expected: 8 hours, Worst: 11 hours)

- 2.1 Research Community Based Plugins (Best: 4 hours, Expected: 6 hours, Worst: 8 hours)
- 2.2 Research WordPress Templates (Best: 1.5 hours, Expected: 2 hours, Worst: 3 hours)

### III Create Sitemap (Best: 6 hours, Expected: 9.5 hours, Worst: 14 hours)

- 3.1 Determine Plugins wanted (Best: 2 hours, Expected: 4 hours, Worst: 6 hours)
- 3.2 Determine Template wanted (Best: 1 hour, Expected: 1.5 hours, Worst: 3 hours)
- 3.3 Create outline of site (Best: 3 hours, Expected: 4 hours, Worst: 5 hours)

### IV Create Website (Best: 10 hours, Expected: 15.5 hours, Worst: 23 hours)

- 4.1 Implement Template (Best: 1 hour, Expected: 1.5 hours, Worst: 3 hours)
- 4.2 Create Content (Best: 6 hours, Expected: 8 hours, Worst: 10 hours)
- 4.4 Upload Content (Best: 1 hour, Expected: 2 hours, Worst: 4 hours)
- 4.4 Implement Plugins (Best: 2 hours, Expected: 4 hours, Worst: 6 hours)

### V User Test (Best: 4 hours, Expected: 6.5 hours, Worst: 11 hours)

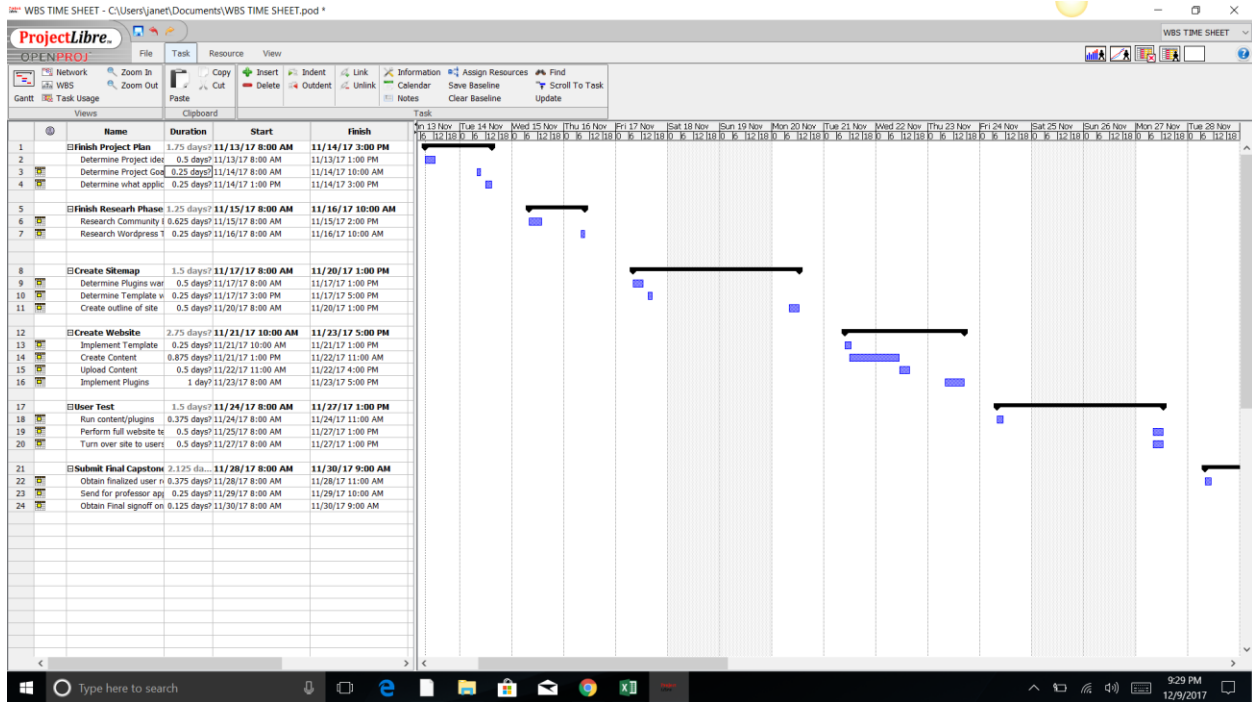
- 5.1 Run content/plugins (Best: 2 hours, Expected: 3 hours, Worst: 5 hours)
- 5.2 Perform full website test (Best: 1 hour, Expected: 1.5 hours, Worst: 3 hours)
- 5.3 Turn over site to users for review (Best: 1 hour, Expected: 2 hours, Worst: 3 hours)

### VI Submit Final Capstone (Best: 2.5 hours, Expected: 4 hours, Worst: 8 hours)

- 6.1 Obtain finalized user reviews (Best: 1 hour, Expected: 1.5, Worst: 3 hours)
- 6.2 Send for professor approval (Best: .5 hours, Expected: 1 hour, Worst: 2 hours)
- 6.3 Obtain Final signoff on project (Best: 1 hour, Expected: 1.5, Worst: 3 hours)

# Project Libre Plan & Dashboard | SECTION VI

## Project Libre & Dashboard



The screenshot shows a spreadsheet with the following sections:

Project Description		Milestone Performance		Issues & Risks	
Project Name	WordPress on Steroids	I Finish Project Plan	Good	Critical Issues	Severity
Start Date	1/5/2018	1.1 Determine Project idea	Good	Case 1 Error in loading in one of the Plugins	HIGH
End Date	3/5/2018	1.2 Determine Project Goals	Good	Case 2 Plugin causing page to load slowly	MODERATE
Project Scope	To create a community based WordPress site centered around music.	1.3 Determine what applications are needed	Good	Case 3 Memory Limited close to being exceeded	RESOLVED
Project Manager	Brian Arfanis	II Finish Research Phase	Good	Issue Resolution	
Contact Information	p: 860-508-4682 Email - brian.arfanis@gmail.com	2.1 Research Community Based Plugins	Good	Case 1 Unresolved	
		2.2 Research Wordpress Templates	Good	Case 2 Unresolved	
		3.1 Determine Plugins wanted	Moderate	Case 3 Increase PHP memory limit from '64M' to '120M' by contacting hosting provider	
		3.2 Determine Template wanted	Good		
		3.3 Create outline of site	Moderate		
		IV Create Website	Poor		
		4.1 Implement Template	Good		
		4.2 Upload Content	Poor		
		4.3 Implement Plugins	Poor		
		V User Test	N/A		
		5.1 Run content/plugins	N/A		
		5.2 Perform full website test	N/A		
		5.3 Turn over site to users for review	N/A		
		VI Submit Final Capstone	N/A		
		6.1 Obtain finalized user reviews	N/A		



## Budget | SECTION VII

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Cost for a Community Based WordPress Website:

Task	Cost
Obtaining a Domain Name	15\$ per year
Web Hosting	6\$ per month
Design <ul style="list-style-type: none"><li>• Template(s)</li><li>• Photo Galleries</li><li>• Sign-in Page</li></ul>	One-time fee of \$100
Plugins	One-time fee of \$400

### Conclusion:

The upfront cost of project will be around \$600 and around \$100 per year to maintain.

Potential additional costs could include Security, Email Marketing Services and Additional Plugins.