**TheBlackHoods 6 – TBH6 (Musician/Band)**

**Feasibility Report**



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17. **The Client:**

The BlackHoods 6-TBH6 is a newly formed band consisting of youngsters who are very passionate about music. They are an exceptional band with members having different skills such as Guitarists, Leads, Bassist, Vocalist, Darbooka player, and so. The issue which is currently being faced by them is that they are struggling from communication gap between them and their fans. They don’t have any proper website and they are not getting proper reach through different social media platforms. So, they have decided to become more professional and start a website where their fans can search for their upcoming events, albums, singles, announcements, etc. Where the fans can also learn about the struggles and hard work of their favorite band members and their accomplishments.

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1. **Statement of the task to be undertaken:**
2. **Preliminary Requirement Analysis:**
3. **Functional Requirements:**

The system will meet the following functional requirements:

**Administration Side:**

* A user-friendly web interface which allows the administrator to update, edit or delete the content.
* A responsive user interface would be provided. A person who would be visiting the app from mobile would see the same features and interface.
* Display of necessary information and details of the band members.
* Can upload data like music videos, or any content which a user wants to share.
* Can upload or announce the details about the performances or jammings that public can join.
* Can change or add the roles of the band members in the about us page.

**Public Side:**

* Must be able to watch the videos online and
* Can visit to the band page on other platforms by clicking on the links.
* Must be able to do advance booking of the band to perform for them.
* Can contact the managing director by visiting the contact us page.
* Can be notified about the announcements of the gatherings or performances of the music band.
* Must be able to give their feedback to the particular band member as well as collectively about their performances.
* Must be able to see the feedbacks and recommendations of others.

1. **Non-Functional Requirements:**

The interface of the website will be responsive. The criteria of the success of the website will be measured by the number of visitors on the website and the feedback provided by them. The functionality and ability of the website to meet all requirements (i.e. Simple and user friendly UI, the information page of the band members and their contact links, a page for the music content with specific user controls, responsive website, etc.) would be critical for success as well. Ease of use and efficiency would be adequate measures of performance; after a week of developing and testing the website, the users should be able to use the website effectively.

1. **Suggested Deliverables:**

1. **Timely Updates:** Documentation and the presentation of the project would be provided timely to the client, just to make sure that the group is working on the system with matches closely to the client’s requirements. This would give a chance to the client if he wants to make any modifications, or correct items that were not correctly understand, or miscommunicated or by the team before allowing them to move forward to the next step.
2. **Design Document:** A document and a presentation would be provided. This will help the client to understand that how the project is to be implemented. This will be done by the ones who are more experienced with hands-on knowledge about the documentation and technical work just to ensure that the client would be satisfied by the ongoing work.
3. **Timely Meetings:** As per the client requirements, they want timely meetings with the team in order to provide feedback about the ongoing work and to see to progress of the project, one or two meetings will be held where the group will also provide them a general overview about the outcome and the scope of the project.
4. **Source Code:** Source code is the final deliverable which would be provided with the documentation and the presentation. This will tell the project is done and concluded. In this final deliverable the team would be showing that how to implement the project according to the requirements the client mentioned. This project would be tested before the final presentation and then it will be given to the client when it will be ready to be run.
5. **User Guide:** User guide documentation would be provided to the client which will explain them how to use the project and how to make changes as they mentioned in the requirements.
6. **Demonstration and Information:** As per need of the client we will show them how to run this website and give them a demo that how to operate the website. We’ll give the technical staff the required training if it is needed.
7. **Feedback:** After a short while, the client will provide his feedback about the website, and just for the cause of good relations with the client, if any change is needed we will work on it just to make the client satisfy so that in future the client would consider us for their more upcoming projects.
8. **Process to Be Followed:**

**Iterative Refinement Process:**

For this project we will be using iterative refinement process because we want our clients **(The BlackHoods 6)** to be satisfied with the final result and another reason is that our client is confused between different types of websites. So by using iterative refinement process we will first create a prototype using the basic requirements given by the clients then with the multiple iterations of reviewing the prototype with client we will finalize the website with the satisfaction of our client. In this process or iterative refinement we might have to redesign the prototype on the basis of the feedback of client. With website reviewed with the client at every step of the iteration our team will be adding different modules to the website which will be gallery, news, user feedback panel, page to display information of every member of the band, previous music record of the band and other functionalities as advised by the client.

At each milestone our team will present the latest version of the website to the client so they can test and evaluate the website and give feedback. Website won’t be final until our client is fully satisfied with the result.

**The Final Result**

The final result will contain all the features and modules on which both client and we have agreed upon.

1. **Outline Plan:**

* **Milestone 1 :** **(Project Proposal)** Our first ever milestone was the project proposal which we have already submitted. In project proposal we have mentioned who is our client and what we are going to develop. And how and when exactly we are going to do that.
* **Milestone 2:** **(Prototype)** In second milestone we will develop a prototype according to client’s requirements. As soon as the prototype is ready we will share it with client so we can have client’s feedback which will help us to work in next step of development.
* **Milestone 3:** **(User Interface)** After have a concrete idea about what client exactly wants we will start working on interface and other client side modules of the website. And then again sharing the latest model of the project with client for feedback for next step.
* **Milestone 4:** **(Discussed Modules)** After the interface is approved from client, we will start working on the modules which were discussed in proposal.
* **Milestone 5:** **(Testing)** Once every module has been developed and shared with client then our team will test the website for the last time with every possible input from user.
* **Milestone 6:** **(Release)** After the successful test on the website we will release the website for public use.

1. **Visibility Plan:**

A Visibility Report gives you an overview of your website this will ensure that the project is being develops in line with client satisfaction. If any problem or the details are not up-to-date the clients can easily connect us and tell us their feedback.

**Communication:**

The team leader communicate with all team members and divide the work according to client’s needs, and the leader show work to their clients in meeting so that clients also get up to date about project and if any changes required the can communicate with us.

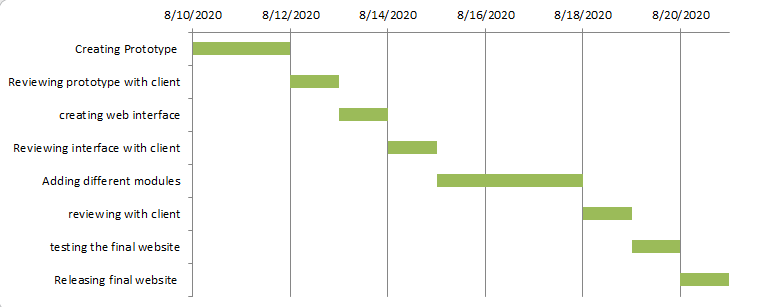
Communication process has 3 main components;

• **Pre activities**: Responsibilities that will be carried out by the related party before the event. We take requirements from our clients and make a prototype.

• **Activities during the project**: Responsibilities that will be carried out by the related party during the event. By this porotype we review the client’s needs for a website.

• **Post activities**: Responsibilities that will be carried out by the related party after the event. When the website published it goes into maintains face

**Gantt Chart:**

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1. **Business Considerations:**
2. **Risk Analysis:**

We want to make an attractive and user-friendly website which can be easily used by our clients and other members. We want to make it simple so that other peoples don’t get confused what the website is about ,people can easily recognize that this is the website of Music band

* **Lack of Resource Risk:**

**Reduce the resources needed**. This **not means reduce the scope or the quality** of the project. But sometime we can reuse work done in previous projects, like software modules, previous design or existing assets.

* **Incomplete requirement:**

We do surveys with our clients our team member ask some questions about website what our clients exactly wanted. To avoid the incomplete requirements these are the following steps.

**Solution:-**

**Be focused:** exclude topics irrelevant to project.

**Prepared:** gather all your questions and details beforehand and discuss everything during a single meeting.

* **Technical risk**:

This is the risk associated with the evolution of the design and the production of the system of interest affecting the level of performance necessary to meet the client’s expectations and technical requirements. The technical issues identified as the project progresses that pose a risk to the successful accomplishment of the project mission/goals.

**RISK MANAGEMENT PROCESS:**

**Problem Identification:** We want our website to be easily identified by our clients but if any problem occurs then we will solve our problem in these steps

* **Problem Recognition:** If any problem occur in portfolio during run time the team is going recognize
* **Problem Acceptance:** If clients are not happy and find our mistakes then we have to accept it and perform well to meet their requirements
* **Problem Definition:** The leader and member is going to define the problem in website or any other need if needed then in meeting we discuss and define the problem

**Contingency Plan**: Contingency Plan describes the various specific actions that will be taken if the risk occurs and these actions are carried out at the time of risk occurrence. Contingency Plan is developed in Planning Process for the identified risks and it clearly defined the specific actions to be taken when the risk is about to happen or has happened.

For Example: If the software idea doesn’t meet the requirement of the clients due to time, technologies then we have to take a step and make the project requirements according to our clients.

**Fallback Plan**: Fallback Plan is a next step plan for Contingency Plan, For Example: If the clients want the website in two days then we have to manage according to time and divide task to people. We want to make a user friendly website we some attractive features in which we add some videos of band so the people like that website

1. **Technical Requirements:**

**Survey Questions:**

**Survey Questions From Muhammad Khizer Atiq(41374):**

1. Are you okay if our team frequently asks for feedback? Because the process we are going to use for this project requires a lot of feedback from you?
2. Are you satisfied with the process for the development of this project?
3. Or do you have any other specific process for the development of this project?
4. Are you satisfied with the milestones we have set or you want some changes in them?
5. Is Gantt Chart clear to you?

**Survey Questions From Muhammad Nauman Saleem (41307)**:

1. Are you satisfied with the functional and non-functional requirements of the project?
2. Do you think this project will help you in the growth of your band?
3. Are you satisfied with the documentation and the presentation of the group?
4. Do you think that timely updates about the project help the team to implement according to the client’s need?
5. Do you agree with the fact that the team worked according to your requirements and interests?

**Survey Questions From Javeria Salim (42300):**

1. What elements do you consider important on a website?
2. **What features do you want to include on the website?**
3. Do you need multiple levels of access to the website?
4. What sections of the site that will need regular updating after launch?
5. Do you want us to handle maintenance?