Project Costing

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Photo-based social media platform

1. **Introduction**
2. 1 Purpose

The purpose of this entire document is to list the costing of the entire Photo-Based Social Media Platform. The document contains the entire expenditure of the entire project and individual costs as well.

1. 2 Scope

The scope of this project is to develop a photo-based social media platform.

The main goal of this application is to provide a safe platform for the people to share the pictures that they take of objects/animals and get feedback from others and gain points as well.

The platform even allows the people to have geolocation tagging on their pictures. This allows others on the platform to visit the places and click pictures of the objects or the animals on their own.

1. 3 Overview

The document is to outline and summarize the list of areas where expenditure might occur. There will be a detailed breakdown of the cost provided in the document below. At the end of the document there will be a complete summarized table of the cost that will be provided to the client.

1. **Costing Tree**

Below is the breakdown tree of all the costs that will be detailed later in the final summarized table.

**Diagram

Description automatically generated**

1. **Cost Analysis**

This section provides the written descriptions of individual cost that is mentioned in the breakdown tree above.

**General Descriptions**

**Staff**

Salary of all the staff members who will be involved in this project.

**Project Manager**

They are supposed to oversee the entire project and macro manage everything.

**Lead Software Developer**

They are the same as a software developer, but they lead the entire software development team and review the code.

**Software Developer**

They are supposed to develop the application itself; they are also possibly the ones who will maintain the application in the future.

**Quality** **Assurance** **Staff**

They are the ones who will inspect, test, and provide feedback to help with the development.

**Equipment**

**Servers**

Costs of servers that will be used during the development process, these are required for the hosting.

**Development Kit**

Development Kit contains the development machines that will be used to develop and run the software. These are charged at 50% of a unit cost per year.

**Mobile Testing**

As the application is meant to run on mobile devices, a handset (android and iOS) is required for testing the application on the device. The development machines are used for desktop testing for cost saving purposes.

**Support & Maintenance**

Costs of the support and the maintenance that will be required after the development process.

**Support**

This will be the cost of keeping the system constantly updated and fixing errors for a period of 12 months.

It includes as mentioned earlier:

* + - Online Maintenance
    - Software Updates
    - Software Support

1. **Costing**

All the costs mentioned above are now calculated and shown in the tables below. Please note in case of conflict regarding extensions or other issues, the costs are subject to a 10% charge.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Staff Cost | Unit/Hours | No. of Staff | Cost Per Unit | Wage per Person | Total Cost |
| Project Manger | 150 | 1 | 62.16 | 9324 | 9324 |
| Lead Software Developer | 150 | 1 | 46.11 | 6916.5 | 6916.5 |
| Software Developer | 150 | 4 | 42.00 | 6300 | 25200 |
| Quality Assurance Staff | 50 | 2 | 7.25 | 362.5 | 725 |
|  |  |  |  | Total Cost | 42165.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Equipment | Units/Hours | Cost Per Unit | Type | Total Cost |
| Server | 1 | 2000 | Rented | 2000 |
| Development Kit | 6 | 399 | Rented | 2394 |
| Mobile Testing | 2 | 500 | Rented | 1000 |
|  |  |  | Total Cost | 5394 |

|  |  |  |
| --- | --- | --- |
| Support | Length | Cost |
| Updates and Fixes | 12 months | Free\* |

|  |  |
| --- | --- |
| Total Cost of System | 47559.5 |
| *\*Included in the total cost* |  |

Costing Refs

Project Manager Cost: <https://www.indeed.com/career/project-manager/salaries>

Software Developer Cost: <https://www.indeed.com/career/software-engineer/salaries>

General Wages: <https://www.dol.gov/general/topic/wages>

Development Kit:

https://www.amazon.co.uk/Optiplex-i7-2600-Windows-Desktop-Computer/dp/B07YST68J3/ref=sr\_1\_2?dchild=1&keywords=desktop+i7&qid=1605036978&sr=8-2