**Budget**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proposal Budget |  |  |  |  |
| Project Name: Cause & Effect |  | **Period #1: 9/22/2012 - 4/20/2013** | | |
|  |  |  |  |  |
|  |  |  |  |  |
| Description | Rate | Hours | SubTotal | Total |
| Software Engineer | $25.00 |  |  |  |
| Keith Adler |  | 550 | $13,750.00 | $13,750.00 |
| Matthew Brannick |  | 440 | $11,000.00 | $11,000.00 |
| Tomin Kozhimala |  | 440 | $11,000.00 | $11,000.00 |
| William Vennes |  | 440 | $11,000.00 | $11,000.00 |
|  |  |  |  |  |
| Employee Salaries Subtotal |  | 1,870 | $46,750.00 | $46,750.00 |
|  |  |  |  |  |
| Emp Ben, FT Exempt Staff (42%) |  |  | $19,635.00 | $19,635.00 |
| Emp Ben, Non-Exempt Staff (42%) |  |  | $0.00 | $0.00 |
|  |  |  |  |  |
| Employee Benefits Subtotal |  |  | $19,635.00 | $19,635.00 |
|  |  |  |  |  |
| **Employee Salaries and Benefits Subtotal** |  | **1,870** |  | **$66,385.00** |
|  |  |  |  |  |
|  |  |  |  |  |
| Equipment | Cost | Quantity | Sub-Total | Total |
| Samsung Nexus S (on Loan) | $0.00 | 2 | $0.00 | $0.00 |
| Samsung Epic 4G (on Loan) | $0.00 | 1 | $0.00 | $0.00 |
| Samsung Galaxy Tab 10.1 (on Loan) | $0.00 | 1 | $0.00 | $0.00 |
|  |  |  |  |  |
| Equipment Costs Subtotal |  | 4 | $0.00 | $0.00 |
|  |  |  |  |  |
| Software | Cost | Quantity | Sub-Total | Total |
| Eclipse IDE | $0.00 | 4 | $0.00 | $0.00 |
| Android SDK | $0.00 | 4 | $0.00 | $0.00 |
| Bitbucket Repository | $0.00 | 4 | $0.00 | $0.00 |
| Mercurial Source Control | $0.00 | 4 | $0.00 | $0.00 |
| Android Open Source Project Code | $0.00 | 4 | $0.00 | $0.00 |
|  |  |  |  |  |
| Software Costs Subtotal |  |  | $0.00 | $0.00 |
|  |  |  |  |  |
| **Total Equipment and Software Costs** |  |  |  | **$0.00** |
|  |  |  |  |  |
| Contingency Costs (20%) |  |  |  | $0.00 |
|  |  |  |  |  |
| **Project Costs Total** |  |  |  | **$66,385.00** |

Our current proposed budget is $66,385. The budget above represents our total projected budget for the duration of the Cause & Effect Project. These figures for employee salary and benefits were estimated using an hourly wage of $25.00 per hour. This is the approximate starting salary for a Software Engineer at Samsung Mobile (Glassdoor). The group leader is estimated to work 25 hours per week, while the remaining group members are estimated to work 20 hours per week. Employee benefits were estimated to be close to 42% of the rate of wages and salaries (Bureau of Labor Statistics).

Our equipment consists of four devices given on loan from Samsung Mobile to assist us in testing our application. These include two Samsung Nexus S developer phones, a Samsung Epic 4G, and a Samsung Galaxy Tab 10.1.

In order to construct a software environment that was both robust and economical, our team took advantage of many free and open source software programs. Android Developers provide the necessary Android Software Development Kit (SDK). We are currently using Eclipse as our Integrated Development Environment (IDE) with the Android Development Tools (ADT) plugin, which provides us with a powerful integrated environment to develop out application, as well as build an app UI, debug, and export app packages (APK) to distribute and test. Our environment also includes Bitbucket hosting service and our team was able to take advantage of using our .edu email accounts to register with Bitbucket and create a free private repository to host our source code. We chose to use the free Mercurial distributed source control to manage our software code at our client’s recommendation and our own interest. Finally, the Android Open Source Project provides us with a free developer’s website with many resources for reference about the operating system (developer.android.com).