

Maintenance Plan - Soundit!

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For the website, Soundit!, that we created, this will be the maintenance plan that would take place over a year after the deployment of the web application. In starting out with the costs of the web app, the first would most likely be, the cost of ourselves. Applying the average salary of a Software Developer which turns out to be roughly \$90,000 a year, this would total to be \$270,000 just for ourselves. After figuring the cost of ourselves we can get into the actual maintenance of the web app. In order to host a web app, we would need a domain name for the app. According to GoDaddy.com the domain name would start off at \$12 a month for the first year then go to \$15. For the year of the maintenance plan, I'm going to omit the first year charge and proceed to add the \$15 monthly charge to the cost for the first year. A year of this cost per month would end up totalling \$180 for the year, leaving us at \$270,180 for the moment.

Now that we got the cost of ourselves out of the way as well as the cost of the domain, we're gonna have to consider all of the information that we're gonna be managing. Researching a looking at different prices of top database providers, we chose to go with Oracle. Considering that we're going to need to have a lot of availability in what information would be tossed around, we decided to go with Oracle's Berkeley DB - High Availability package as viewed in Figure 1.

Software(Remove Support)			
Oracle Berkeley DB - High Availability (Processor; Perpetual)	US\$9,800.00	1	US\$9,800.00
Software Update License and Support (First Year)	US\$2,156.00		US\$2,156.00
Promotion Code <input type="text"/>	Apply	Subtotal: US\$11,956.00	

Figure 1: The cost of the Database.

As you can see in the figure, the cost of the actual database is \$9,800, but for the software update license and support for the first year, they tack on a charge of \$2,156 which makes the total cost of the database \$11,956. Adding this to the total cost of maintenance for a year makes it out to be \$282,136.

We can't forget about allowing our users to actually use our website, so we need to think about how we're going to host their sessions. There were two different server hosting websites that we came across in our search, LiquidWeb.com, Squarespace.com, GoDaddy.com, and HostGator.com. Coming across LiquidWeb seemed like a solid deal at first with its choice between dedicated and cloud dedicated servers until we found HostGator, Squarespace, and GoDaddy. LiquidWeb was definitely too overpriced for what we were looking for. With a price of \$160 a month, it was out of the race between the other three, being 26 times more expensive than them. Though, we decided to go with HostGator because it had a pretty solid deal. It had unlimited pages, unmetered storage, as well as unmetered bandwidth. So, it was obvious which one we should go with. You can see a comparison between GoDaddy.com, HostGator, and Squarespace in the figure below.

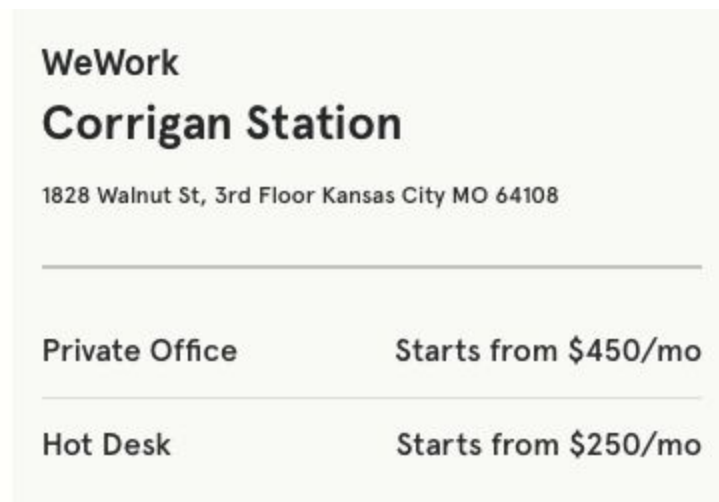
Features	GoDaddy Economy Hosting Plan	HostGator Hatchling Plan	Squarespace Personal Plan
Starting Monthly Price On Introductory Offer	\$3.99	\$3.95	\$12.00
Monthly Renewal Cost	\$7.99	\$6.95	\$12.00 - \$16.00
Domains	1	1	1
Pages	Unlimited	Unlimited	20
Storage	100 GB	<u>Unmetered</u>	Unlimited
Bandwidth	Unlimited	<u>Unmetered</u>	Unlimited
Free Email Addresses	100	Unlimited	0

Figure 2: Server comparison between GoDaddy, HostGator, and Squarespace.

Figuring the cost of HostGator for a year, at \$7 a month, it turns out to be \$84, which is \$1,836 cheaper than what it would be at LiquidWeb. Adding this cost to the total of the maintenance cost comes out to be \$282,220.

Before we can get into hiring employees to help further Soundit! and make more awesome software applications, we will need to get an office space of course. Since we lived in the lovely Lawrence, Kansas while we created this project, we believe the headquarters should be held here. Looking at different websites such as Regus.com and LoopNet.com, we found that we could get an office space near Lawrence in Kansas City on the website WeWork.com. The location that we chose gave a choice between a Private Office or a Hot Desk, but we're not gonna make all of the employees work at one desk,

that'd be horrible. So, we went with the price of the Private Office at Corrigan Station for \$450 a month, which isn't too bad a price for a starting company.

A screenshot of a WeWork website showing office space options at Corrigan Station. The header includes the WeWork logo, the location name 'Corrigan Station', and the address '1828 Walnut St, 3rd Floor Kansas City MO 64108'. Below this, a table lists two office types: 'Private Office' starting from \$450/month and 'Hot Desk' starting from \$250/month.

WeWork Corrigan Station 1828 Walnut St, 3rd Floor Kansas City MO 64108	
Private Office	Starts from \$450/mo
Hot Desk	Starts from \$250/mo

Figure 3: Price listing of office space at Corrigan Station.

For an entire 12 month period of this price, it comes to \$5,400. Adding this to our total cost, we now have the maintenance fee of \$287,620.

We now move on to hiring employees. Since we aren't a large company yet, they will get a salary slightly lower than ours. We decided for the first year of deployment, we'd hire only five employees. Considering them and ourselves that makes 8 of us for Soundit!. As a group, we've also decided that they should be getting \$70,000 a year at our company. For 5 employees, that comes to \$350,000 total a year. As for interns, being such a small company, we believe students wouldn't gain much industry knowledge and we've decided

to omit interns. Putting this on top of our other expenses for a year, we now have a fee of \$637,620.

Finally, since we embed a Spotify playlist into our application, we have one last fee of their service. Spotify at the moment charges, per month, \$10. Adding this on top of the \$637,620, the fee is \$637,740. The chart below shows the total maintenance cost broken down for each component by year, month, and then the total cost of the year. At the very bottom you can see the total cost of the maintenance plan for one year active. Obviously with the increase of employees, possible interns, as well as any other developments we decide to add to the application, the total maintenance fee would increase per year.

	Quantity	Yearly	Monthly	Total
Creator Salary	3	\$90,000	\$7,500	\$270,000
Domain Name	1	\$180	\$15	\$180
Database	1	\$11,956	\$996	\$11,956
Servers	1	\$84	\$7	\$84
Office Space	1	\$5,400	\$450	\$5,400
Employees	5	\$70,000	\$5,833	\$350,000
Spotify	1	\$120	\$10	\$120
Total				\$637,740

Figure 3: Maintenance Chart