



Cairn Alumni Portal

*Cairn University's School of Business
Software Engineering*

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**Proposal for Cairn
Alumni Portal Overhaul**

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Overview

Cairn University's Mission is to educate students to serve Christ in the church, society, and the world as biblically minded, well-educated, and professional competent men and women of character. As a nonprofit organization, the school depends on its alumni and donations. Although the alumni have been primed with a Biblical mindset and worldview, in order for them to remember their alma mater, the school must promote consistent interaction.

Truthfully, the current platform to interact with alumni is subpar. Although most of the features and functionalities that alumni need are present, they seem out of order. This makes the website quite difficult to navigate. Additionally, most of the links on the current alumni page are simply redirects to other resources. In order to make alumni feel cared for, there should be customized pages specific to alumni.

Benefits

By building a new alumni portal, the university improves relationships with its alumni. This, in turn, brings about more donations and students. The cost is minimal when compared to the overall human and financial benefits. Current students of the university also have the opportunity to connect with individuals in their field. Through this, current students will be able to transition to the working world with ease.

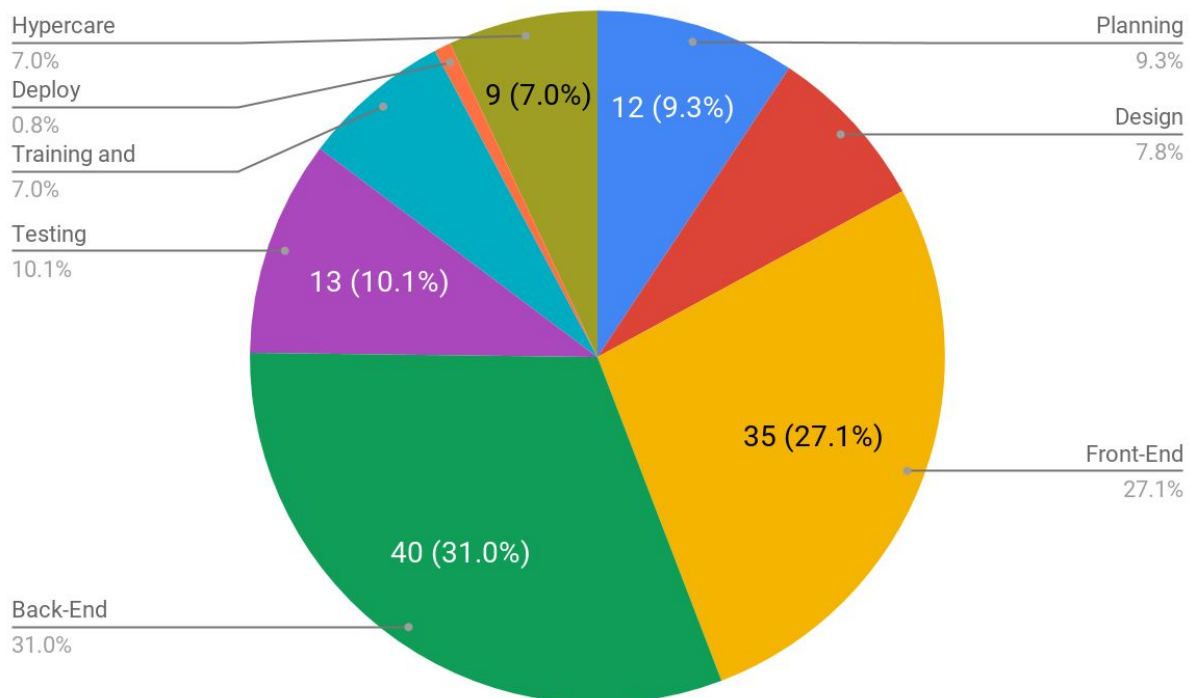
The new alumni portal provides benefits for all the involved actors. Unlike the current platform, primarily targeted towards administration and those in advancement, this platform will reward current students, alumni, administration, and the public at large. Certainly, the platform is primarily for the alumni, yet there are many others that can harness the benefits. Overall, the platform provides a greater income stream and more robust relationships.

Quote Overview

- Planning:
 - 12 Hours
- Design
 - 10 Hours
- Build: Front-End
 - 35 Hours
- Build: Back-End
 - 40 Hours
- Testing
 - 13 Hour
- Training and Documentation
 - 9 Hours
- Deploy
 - 1 Hour
- HyperCare
 - 9 Hours

TOTAL:
(127 hours + 20 Risk Hours) * \$100 = **\$13,700.00**

Work Distribution



Detailed Gantt Chart Quote in Attached Supplemental Document

Technical Implementation

The application will have the most cutting edge technology. Our engineers will be incredibly intentional with the design and scalability of the application. With regards to the Front-End of the application, the implementation will consist of HTML5 (semantic tags, accessibility, and SEO), CSS3 (flexible layouts, visual balance, and responsiveness), and JavaScript (interactive behavior, dynamic pages, and database interactions).

With regards to the Back-End, our engineers will utilize the latest and greatest, cutting-edge technologies. The server will be coding in Node.js. Node.js will provide the functionality for APIs, dynamic server side pages, authentication, emailing, donations (payments), search, and others. For this project, MySQL will power the database. In sum, the application will be incredibly robust and scalable through cutting-edge technology.

Debrief

There are many benefits to embarking on this project. Although the project will transcend a couple of months, the return on investment is incalculable. Here are some of the core benefits:

- *Improved relationships with Alumni*
- *Increase in donations and prospective students*
- *Future opportunities in the workforce for current students*

I acknowledge that I have read and agree to the terms of this contract.

Cairn Leadership Team Member

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