

*[Company] - [Project]*

*Project Estimate*

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*We create products that investors and clients love*

Our Team

Arcanium is a rock solid USA based tech team at your disposal. Our team comes from a startup background, having built everything from phone systems to artificial intelligence and real-time web applications. Nick Bryant, the CEO, was a senior engineer at Sharpspring.com, Outreach.io and NASA Ames prior to starting Arcanium.

Our team includes an Oxford Ph.D., biomedical engineers and fortune 500 consultants.

Requirements

[Provide an overview of the requirements

Tech Solution

## Initial Backend Platform

* Built with NodeJS
* MySQL Database (Will use the existing schema of the current database as much as possible)
* ACL
  + Basic User
  + Property Admin
  + Super Admin
* Mail worker for sending emails
* GraphQL for API communication
* Authentication (SAML SSO)
  + Login with EID and password
  + Forgot EID or password
* I18n internationalization
  + Will provide english translations, can copy the format to add support for multiple languages
* File system for managing uploaded content
  + Can story locally or on Amazon S3

**Total - 60-80 hours**

## Initial Frontend Platform

* Built with React
* Responsive
* I18n internationalization
* Pages
  + Rehearse (content managed and loaded from backend)
    - Approachable Luxury
    - Poise and Grace
    - Craftsmanship
  + Standing Ovation
  + Help
  + Profile
    - Edit Profile
    - View Favorites
  + Privacy and Cookie Statement

**Total - 50-70 hours**

## Administration Portal

Can discuss the option of adding anything you would like to be managed on the admin panel. E.g: User management

* Manage Properties
  + View / Create / Edit / Remove
* Manage Carousel Slides
  + Add slide with photo + link to a story
  + Edit / Remove
* Manage Stories
  + View / Edit / Feature / Delete
  + Mark as reviewed or rejected
* Manage Languages (optional + 4 hours)
  + View / Edit / Delete
* Manage Regions (optional + 4 hours)
  + View / Edit / Delete
* Manage Service notes (optional + 4 hours)
  + View / Edit / Delete
* Manage Service notes (optional +4 hours)
  + View / Edit / Delete
* Manage Service harmony (optional +4 hours)
  + View / Edit / Delete
* Manage Service values (optional +3 hours)
  + View / Edit / Delete

**Total - 30-40 hours**

## CMS

* Edit content of pages through an admin interfaces
* Rehearse
  + Embracing Approachable Luxary
    - Add/Edit introductory video
    - Building Confidence
    - Thoughtful Gestures
    - Add/Edit/Remove cards in grid
  + Embodying Poise and Grace
    - Add/Edit introductory video
    - Add/Edit cards in grid
  + Crafting the Guest Experience
    - Add/Edit/Remove introductory videos
    - Card Game

**Total - 60-80 hours**

## Profile

* Edit Profile
  + Name
  + Email
  + Property Marsha
  + Region
  + Phone Number
* Display User Favorited Stories

**Total - 20-30 hours**

## Standing+ Ovation

* View Stories
  + Paginiation
  + Read more with unique story link
* View Story
  + Share
  + Print
* Favorite a Story
* Like a Story
* Compose New Story
  + Choose Property
  + Choose Language
  + Attach video / image
  + Service Notes
  + Service Harmonies, Brand Values & Pillars
    - Generate tags for story based on these values
  + View and Submit
* Most recent
* Featured
* Most Popular
* Filters
* “My Favorites”

**Total - 40-60 hours**

## High Note

* Compose High Note
  + Preview
  + Send Email
* JW Treatment Card
  + Preview
  + Send Email

**Total - 30-40 hours**

# Rate Table

* Dev I - 75/hr
* Dev II - 85/hr
* Dev III - 100/hr
* Infrastructure specialist - 125/hr

# Team Composition

|  |  |  |  |
| --- | --- | --- | --- |
| **Resource** | **Hourly Rate** | **Est. Hours** | **Description** |
| Fullstack Dev III (Nick B.) | $100 | 150 | Senior developer, 7+ years experience - Backend & Infrastructure expert |
| Fullstack Dev III (Dahquan H.) | $100 | 150 | Senior developer, 6+ years experience - NodeJS/GraphQL expert |

# Estimate

**Timeline:**

* Weeks 2 - Framework deployment
* Weeks 4-6 - Bulk of feature/page development
* weeks 7-9 - alpha launch, client feedback and touchups
* Week 10 - beta launch

**Total dev hours:** 290-400

**Estimated price:** $29,000-$40,000

# Recommendations

**GraphQL** (<https://graphql.org/>)

**CMS**

We recommend using a content management system for the rehearse pages instead of it being statically typed. Updating the content without this will require a developer to manually make the changes, repackage the app, and deploy. This also saves money, we believe the same amount of time it would take to statically add the content will take more hours than it will to build the CMS.

**Administration Portal**

Easily manage properties/regions/stories/etc from a user interface rather than using database viewer such as phpMyAdmin or asking a developer to make changes. Can potentially save a lot of time in the long run.

# Scope & Payment Details

We act as an extension of your tech team, on an as-needed basis. Software projects constantly undergo scope changes and run into unexpected roadblocks. We will do our best to make estimates with the information we have, although estimates routinely change.

We track our hours in clockify.me and will itemize hours by task. We will provide an invoice on the 1st and 16th of every month for hours worked on your project.