Project Plan

Broadway Builder
CECS 491B - Software Engineering
Vatanak Vong

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The Fantastic Five
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Timeline Summary

Work Item	Total Estimated Hours
Project Proposal	28
Business Requirement Document & Tech Specs	35
Project Plan	50
High Level Design	40
Authorization	70
User Management	46
Pwned Password API	46
Theatre Production Information & Listings	57
Help Wanted	40
SSO App Maintenance Notification	17
SSO App Display	18
Registration	25
Login/Logout	35
Ticket Selling	100
User Analysis Dashboard - System Admin	37
Documentation	30
Total Hours:	674

Time Constraint: Currently the timeline depicts a perfect schedule, however, we don't live in a perfect world. Due to new client requirements, we will not be able to fulfill the Notification and Reward System or the Rating System features that were originally agreed upon, however, we plan to include these features in a future update after deployment of the system.

Risk Management

Any changes to client requirements or scheduling will be reviewed in order to determine if such changes would affect the timeline of the product. If the changes result in the delay of any client requirement, meetings will have to be scheduled with the client in order to address any updates to time, budget, or resources.

Cost Analysis

	Fantastic Five Rate	Competitor Rate
Employee Salary	$0 (for 1 year)	$28-$44 per hour
Software License	$2 per year	$1000-$3500 per year
Server License	$0 (for 1 year)	$15,000-$30,000 per year
Database License	$0 (for 1 year)	$17,000-$60,000 per year
Training (Time + Materials)	$0 per employee	$500 - $1200 per Employee

Return on Investment (ROI): As the Cost Analysis clearly depicts, our rates are aboundingly more cheaper compared to our competitor's rates. There is no risk to you, the client, in trusting us to create the product that you have envisioned.