**Business Case for Tutor Analytic Solutions**

**Date**

**Prepared by:**

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| 1. **Introduction/ Background**   Currently, Code Samurai, the Kean Code tutoring program, uses Google Sheets as a check in/out method for Students and Tutors. Prof. Wang, the Program Coordinator, has explained to the tutors that it is important to sign each student in for tutoring because it will determine whether more tutors are needed in these subjects or time frames. However, often these logs are not filled out because tutors get caught up helping and forget to check-in/out. |
| **2.0 Business Objective**  We are doing \_\_\_ to bring \_\_\_\_  Allow department to continue the success of the program  Create a mobile and web tool that will better monitor tutors/students and provide analytics of student traffic by means of streamlining the check-in/out process and better network tutors with students. |
| **3.0 Current Situation and Problem/Opportunity Statement**  Administration has no means of measuring metrics of tutor/student sessions because of manual methods. |
| **4.0 Critical Assumption and Constraints**   * Every student/tutor has a smart phone or laptop * Every Student has a @kean.edu email * Analytics will aid in administrative decision making * Wi-fi/internet works * System outages   . |
| **5.0 Analysis of Option and Recommendation**  Why are we better than the other options?  Why not google sheets? |
| **6.0 Preliminary Project Requirements (what are you going to produce?)**   * MySQL server * Webserver * Github * Test devices/Virtualization |
| **7.0 Budget Estimate and Financial Analysis** |
| **8.0 Schedule Estimate**  2/4 Sign in portals and Signup on mobile and web  2/11 Tutor/Student Check-in |
| **9.0 Potential Risks**   * User passwords must be encrypted * Losing user data * Data loss * Mysql injections * Cookies sessions (we should use sessions) * Inadequate experience * Not accurate schedule |
| **10.0 Exhibits**  Exhibit A: Financial Analysis |