CSCI P445
Open Source Software Selection Report

You do not have to justify the use of Java/Javascript/C++/C#.

For all other OSS projects in your tool list, answer the following 10 questions.

The article "10 questions to ask when selecting open source products for your enterprise" is a good reference for justifying why you recommend your tools be used by your sponsor.

http://www.techrepublic.com/blog/10-things/10-questions-to-ask-when-selecting-open-source-products-for-your-enterprise/

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1. Are the open source license terms compatible with my business requirements? The open source license terms are compatible with No Kill Louisville business requirements. Most requirements for this business focuses on the privacy of the pet owners that they serve. In other words any personal information should be hidden and only available to the appropriate users.

2. What is the strength of the community? API is used by many people. Most code is written in java and java is a popular language.

3. How well is the product adopted by users? The product will be adopted by android phone users. The product will not be released for iOS as yet. This would be a good project for another Capstone group.

4. Can I get a warranty or commercial support if I need it? There are no warranties provided on the app.

5. What quality assurance processes exist? Our unit tests and integrated testing will allow us to prove the quality of the app. We will also do several onsite tests to insure the satisfaction of users.

6. How good is the documentation? Little documentation at the moment. There is documentation to run the REST server for testing. However, we plan on generating documentation in the following weeks during the holidays.

7. How easily can the system be customized to my exact requirements? There are many features we can use to meet our requirements. We are planning on adding a QR code feature so people can check in as they park. We would also like to add a feature for volunteers.

8. How is this project governed and how easily can I influence the road map? The application is created by four students. Changes can be made quickly with the simplicity of the application. Our goal is to keep things simple. We would like to hit the most necessary needs for the organization and then add one feature at a time as the organization requires it. We would hate for feature creep to become a major issue.

9. Will the product scale to my enterprise's requirements? The application is not intended for Enterprise usage. The application is designed for a local pet food bank. There will be less than 150 users on the app on every 1st Saturday of the month.

10. Are there regular security patches? This is unknown since the security part of the application is likely handled by No Kill Louisville. However, we will do our part to ensure that the app does not expose personal information and also perform some penetration testing for possible