

Responses to Questions on Fish Identification Mobile App

1. Do we need the application to store the contents in the device local Database to view the information without internet connectivity?

A: Yes, internet connectivity will not be required to use the app, so content should be stored locally.

2. Do you stick to any particular technology to develop the administrative backend and the required web services or open to suggestions? Are there any development standards or technologies that are either required or desirable for this project?

A: Certainly open to suggestions and “best practices” on this.

3. Let us know the targeted technologies that the hybrid app should support, for. E.g. iOS, Android, Windows, Blackberry

A: iOS, Android and Windows are all required. It would be advantageous to be able to go back and generate a different platform if users demand, though that scenario is highly unlikely.

4. Is there any user registration for anglers to access the application and other additional features like social sharing, etc.?

A: No user registration will be needed and social sharing is beyond the scope of this project.

5. We suggest to develop the required application using PhoneGap

A: Phonegap is a good choice for this development, but certainly not the only alternative.

6. Has identifying information already been defined and if so, can we get a copy or sample of this information? Will the requirements for the application be provided to us or do we need to interview the user groups to gather the requirements? We assume that the lower level content will need to be updated by authorized person (administrator) of Pacific States Marine Fisheries Commission

A: Yes, PSMFC will provide the identification characteristics and hierarchy, as well as photographic content. We will seek guidance from the selected vendor in terms of requirements (for example, photo size and format). We may update some of this content over time.

7. Does PSMFC or RecFIN have a preference with regards to a software development methodology?

A: We have no preference, but look for your suggestion

8. The Audience in section 2.5 makes the distinction between Survey Samplers and Anglers. Are the requirements for the application different between these two groups?

A: There is no requirement differences between these groups.

9. Will user guides and training be a part of this contract?

A: User guides or training will not be necessary. Our hope is that the app will be simple enough to include a screen with a brief explanation.

10. Can the list of species that is to be supported by the application be made available?

A: The list of species to include still needs to be determined.

11. Is data entry or conversion of the identifying information (content provisioning) part of the scope or will this be done by the administrators?

A: This will be under the scope of this project.

12. What is your current development/application environment?

Database Server OS: A: Windows Virtual Server

Database (Oracle/MySQL/etc.): A: MS-SQL 2012

Application Server OS:?

Application Server (WebLogic/Apache/etc.): ?

Who is responsible for making updates to this system to support features of the mobile application? A: Our IT staff will handle that.

13. Is this a completely new application? Do you have an older application/system that you are replacing with the app built under this RFP?

A: This is a completely new application.

14. How much data needs to be pre-loaded? How often do updates occur? For example, should a content update require a new version of the application in the various app stores, or be pushed directly to the application?

A: All the identifying information will need to be uploaded initially. Updates to content will be infrequent and should be pushed to the application.

15. Once the app is completed, who would be responsible for publishing and maintaining the app in App Stores? Will final distribution details be a responsibility for the contractor under this contract, or will RecFIN be responsible for distribution concerns

A: PSMFC will be responsible for this, but will seek your guidance in the process.

16. Is the data related to fish identification already stored on a RecFIN database? Or will vendors be responsible for building a brand new schema and populating it from scratch?

A: Data is not currently stored in a database, but we will provide it with your guidance.

17. The "Content Utility" bullet from section 2.4 implies this functionality should be embedded in the application, with use restricted to administrators. Would this functionality be acceptable through an internal administrative application, distinct from the mobile app? If so, what is the current application server environment (WebLogic, Tomcat, etc.)? Who is responsible for setting these up if necessary? Would RecFIN be opposed to the development of a companion web-based administration tool to provide this functionality instead?

A: Yes, this can reside in an internal administrative application. There is not a current application server environment.

18. Are vendors able to perform this work remotely? If there is a requirement to be on-site at RecFIN's facility, please describe how often vendor resources are expected to be on-site.

A: Vendor resources are not required to work on site, working remotely is fine.

19. What devices will the app be used on Tablet, Smart Phone or both?

A: Both

20. Is there any specific payment model(s) to be integrated into the application E.g. PayPal, wallet, Apple Pay?

A: No integration of payment models is necessary since the working application will be free and available to all general users.

21. Please categorize the app. In terms of Game, Business, Education, Social networking, Banking etc.

A: The application is intended to help anglers and biologist correctly identify kept and or released marine fish species. As such the application could be classified as business and education.

22. Are there any branding guidelines, logos, color themes, etc. that need to be used?

A: In so far as possible, PSMFC has a web style guide which we would like to adhere to when feasible. This will include incorporation of the PSMFC logo and possibly some others as well. PSMFC assumes responsibility to provide the logos.

23. Would the application be published on Google Play or Apple App Store? If yes, do you currently have the developer license?

A: PSMFC has a developer license for Apple. We are not aware of any such license for Google Play or the Windows Store.

24. Do you have a formal content strategy already in place like a CMS tool to push updated contents?

A: We do not have anything currently in place.

25. Are there any requirements to use a mobile analytic framework to track application usages?

A: There is no such requirement. It would be a nice value-added feature if feasible from a time and cost perspective.

26. Does the application need to be multi-lingual? If so, which languages need to be accommodated?

A: At this time the application can be in English language only, but we would consider suggestions for incorporating other languages.

27. Are there any compliance requirement?

A: None that we are aware of.

28. Please provide the list modules which are supposed to work in offline mode.

A: The entire app should be designed to function offline.

29. We assume that the application would use Restful services to communicate with backend, is it correct?

A: We don't believe the application will have a need to communicate with the backend, but Restful services would be the preferred approach if necessary.

30. Are the APIs to be consumed by mobile app already available?

A: The selected vendor can use whatever APIs are available to them.

31. Are there any specific tools for project management, defect management, and testing that you already have, and would like the vendor to use while executing the project? E.g. HP Quality Center, Bugzilla, JIRA, Asana, etc.

A: We do not have any of these in place and would look for guidance on best practices.

32. Is there a maximum budget we should work within?

A: No.

33. Is there a requirement to access specific hardware features of the devices (Camera, Sensors-Accelerometer/Gyroscope/Proximity, Geo-location, NFC, Bluetooth etc.)?

A: We don't believe any of these would be necessary.

34. Would the application interact/feed data/consume data with other applications on the device?

A: No, the application will function independently.

35. Does the application have any mission critical (real time) functionalities?

A: No, but our hope is that it will be as responsive as possible to meet user expectations.

36. Please provide the list of region(s) where the app needs to be accessible?

A: The application will only be used on the U.S. Pacific Coast.

37. Will the application need to be integrate with other systems? (e.g. SAP, SugarCRM, Magento etc.)

A: No.

38. Will the required annotation for Photos/Visual aids be static overlays over the pictures or will they be interactive animations?

A: They will be static.

39. What is the expected size of the data/resources that need to be kept within the application?

A: As this is the first application of this type that we have developed, we do not have an expectation of how much data/resources it will require.

40. What activities can the administrator perform on CMS? i.e. Editing existing textual documents and updating or adding new visual resources

A: Editing content would be the only administrator function necessary.

41. For Admin and "Survey Samplers" role the application would need to work in online mode only. Is this understanding correct?

A: No, only the administrative functions will need to be online if that is the preferred method for updating content.

42. Please elaborate campaigns functionality.

A: The functionality is simply to provide a reference for anglers to properly identify fish that they catch. It is meant to be educational in nature to assist anglers in the identification process.

43. What actions can an angler perform within the application?

A: Anglers will have the ability to navigate through a series of menus to successfully identify a fish they caught.

44. Will the forms to be filled by the samplers be predefined or they can change. If yes what is the expected frequency of updates?

A: Samplers will not fill any forms through this application. This app will simply be a visual aid to assist them in identifying the fish that they see anglers catch.

45. Will the application behavior be uniform for all users or it would need to change based on region? If yes, please elaborate how the app functionality needs to be changed on region basis.

A: The application behavior will be uniform across all users within a single region.

46. Is there a requirement for GPS based functionality within the app.? If yes, please elaborate these functionalities.

A: There is no need for GPS functionality.