Criterion E: Evaluation

(467 words)

Testing:

Criterion	Has the criterion been met?
1	Yes – Users are presented with a login view that directs them toward their respective views.
2	Yes – Students are presented with labels describing their location with respect to room numbers and zones.
3	Yes – The location of students is automatically updated by the IOS application to the database at an interval of five minutes.
4	Yes – Administrators are presented with a table of students which can be searched with a search bar at the top of the view.
5	Yes – A detailed view of the student and their past locations can be reached by tapping on them in the table view.
6	Yes – Administrators are presented with a table of beacons which can be searched with a search bar at the top of the view.
7	Yes – Beacons can be added, edited, and deleted by using the menu buttons.
8	Yes – A beacon can be selected from a list and the computer will serve as the beacon emitter for the beacon selected.
9	Yes – The detail view for student locations shows a map of the school with the location of the zone highlighted in red.

Client Feedback:

The client evaluated the application against the success criteria, concluding with the above evaluation of the criteria during our evaluation consultation.

Refer to a summary of the evaluation in 'Appendix_A_Consultations' and a recording of the evaluation in the 'Consultation_Evidence' folder.

Improvements:

Improvement	Elaboration
Learnability and tooltips	The program was initially difficult to navigate because of the various subviews. A potential solution would be buttons placed throughout the program that, when tapped, would open up a window explaining the feature.
More precise	The client was concerned that some of the zones were too general and large to

zones	accurately place a student on a map. Thus, it would be easier to locate students using the map feature if the zones were smaller.
Ability to add and edit zones	Zones are limited to the ones existing as images within the application; as such, in the current iteration, it is impossible to add or edit zones. A marked improvement for extensibility would be the ability to add and edit zones.
Organization of student locations by date	The locations of students are placed in a long table that must be scrolled through to get to locations from the past. An improvement would be a view that separates locations by their timestamp: each day having its own view so that it is easier to find specific times.
Android application counterpart	Although the client insisted on an IOS application, I suggested an additional android application would promote extensibility in the future for users of the operating system. The application would be accessible to a wider audience with this addition.