**Milestone #3**

GVSU Philanthropy Application

(Laker Legacies)

Developers: Daniel Newell, Nicholas Workman, Thomas Peterson

Professor: Jonathon Engelsma

* **Data Collection and Entry**

We now have a complete list of information. One task we worked hard on completing is the image collection and implementation in our image. It was very important for both the user experience of our application as well as the functionality, that there be a complete set of images for both our buildings and for our patrons. We now have a pretty much all of the images we will need and they have been put into our app, as well as being accessed from our PList file.

We also made some critiques to how our data is displayed. Some of our buildings had multiple donors, and originally we just had multiple instances of that building. Now we have one instance of the building and if multiple people donated to the building then we have multiple detail pages for the building. This required a restructure of our data objects, but is now complete and is implemented in the UI.

* **User Interface**

Some major fixes went into our UI for this milestone. One large one was completing the functionality of our map feature. Previously our map could display the buildings and pins as well as a label of the building name. Now our building label also includes a thumbnail image of the building. We also added the functionality of clicking on the pin to take the user to a detail part of the UI.

Another big implementation that we added to our app is the lower navigation bar. We added this because we felt it gave the user a better more fluent experience throughout the application. Our lower navigation bar, as opposed to just having the back button, encompasses four buttons. One button takes the user to the detail view, one button takes the user to the map view, one button takes the user to the directory view and the last button takes the user to a browser view of a page on the grand valley web site.

We thought this last button was important to add because it allows the user to participate in the donation process instead of just reading about other people who did. This was also something our client really liked when we brought it up in our last meeting.

We also made some changes to the home page that will open up as soon as the application loads. This is just to help clean up the app and make it look a little nicer.

* **Setbacks and Learning Difficulties**

We had fewer setbacks and learning difficulties this milestone than the last milestone, mostly just lack of time to meet up as well as group member being swamped with other responsibilities such as a heavy class or a long work schedule.

* **Moving Forward**

Moving forward we still have some minor UI critiques that need to take place, this is not something that is very difficult so we have been pushing it off recently because we wanted to change some of the functionality of the app. We also have some images especially of the donors that are missing, so we still need to either find these images or decide on a place holder to put in place of these images.

Also we have to get started on testing our application, next week we will be testing our application quite heavily. We want to make sure we are not putting out an application that has bugs in it.

* **Gantt Chart**