BruinLife Map

My final project is an interactive map of our campus that users can create markers in by clicking on locations. First time the page is loaded, it will load all the existing markers to the map. Then when a user clicks on a location a form pops up so that the user can write some info about that pin location. When a user hovers over the pin location, info about the location will pop up in a little info div above the pin. Also, users are able to see any interactions to the map in real time.

I am hoping to get an A on this project because I believe I satisfied all the basic requirements and all the requirements for getting A grade. Here is the list of requirements I satisfied:

* External CSS stylesheet: I am using css to style the star rating system and header part.
* Cookies: I am using cookies to keep track of the number of markers that have been added to the map.
* Javascript: using JS to create map, add markers and all other functionalities.
* Events: added mouseover/mouseout events.
* DOM methods: I am using DOM to dynamically style the star rating system. Also, whenever new record has been fetched from the database, I use DOM method to create a div to get the data ready for display in the info window.
* Interaction with SQLite3 database using Ajax: when user creates a marker, the data will be saved to SQLite3 database using Ajax.
* Write something to the database using Ajax and then retrieve something from the database using Ajax: User added markers will be saved to the database using Ajax, and the data will be retrieved from the database via Ajax and be added to the map.(timestamps are used)
* Page content should be refreshed via Ajax: The user will see the interactions to the map in real time without refreshing the page because Ajax is called every 2 seconds to check if there are any new updates to the database.
* Animation: when a new marker is added, the marker will drop to the location.
* Minor: The marker icon will change depending on the type of the location specified.