**Take Me Out**

Basic Description: The aim of the app is to help people find some wonderful events around them and help them discover new and cool ways of spending their free time. Other targets of the app include helping local artists and new places of interest come up in the lists of people’s agenda.

The Team:

1. Akshay Budhkar – Computer Engineer, University of Waterloo
2. Josh Seltzer – Computer Scientist, University of Toronto
3. Winston Yang – Computer Scientist, University of Waterloo
4. Audun Mo – Computer Scientist, University of Toronto

Skeleton: The app will be structured on two main functions – “Take Me Somewhere” and “Surprise Me!” The former option will let the user filter data, first based on broad categories, and then based on time, date and price. The final page of this option will have a “Take Me Somewhere Else” option and a “Buy Tickets/Get More Info” option. There will also be a “Back Button” which the user can use to see the previous events which he/she decided to skip. The latter option will just give the user a random event and guide him to a place within a pre-defined radius in terms of distance. We still have to finalize on whether we need the user to select a time for the Surprise Me option and if we should include a button which would give a description of the place he or she will be going to.

Short term goals: The first version of the app will have both the functions working with reduced features. The app will be targeting the cities (and students from the cities) of Toronto and Waterloo. Toronto and Waterloo open data APIs will be used, with very likely inclusion of restaurants, festivals and shopping places along with the usual theme of events. The user will not be asked to log in and there won’t be separate algorithms for students/other users. We have contacted EventBrite and EventFul to verify if we can include their APIs for commercial use, though this seems an unlikely inclusion in this version.

Long term goals: The future versions of the app will plan a complete schedule for the user between the times the user inputs, including the transit time and 2-3 events including at least one stop at a restaurant/food place. The users will have to log in and every user will get a personalized event based on his/her previous events. An option of liking/disliking the event and rating a place will also be included. All the major cities will have very similar data as that of Toronto and Waterloo, so expanding in terms of distance within North America won’t be a concern. Providing the user with a list of events sorted by a specific algorithm based on previous outings will also be included. Including facebook pages for specific events and meetups will also be considered. Social Media Integration will certainly be on the table. Any further suggestions/inputs received from the users will also be incorporated based on popularity of the demands.

Technicalities: For the first version of the app, we will be using HTML5, CSS3, Jquery (UI and Mobile) for the front-end UI and animation. The back end will be done in MySQL and PHP. The app will be a web app, which will be launched as native apps for Android, iOS and BlackBerry OS using PhoneGap. The web app will be supporting the browsers IE 9+, Chrome, Firefox and Safari. Support for other browsers (IE 8, older Firefox) will come shortly following an update after the launch.

Front End: The design approach will be to keep clean and minimalist look. The UI will be simple and easy to use since the first time the user opens the app. Easy Navigation between the two options and between pages will be provided.

Back End: As mentioned, Toronto and Waterloo Open Data APIs will be used to get data from. (Can Josh or Winston make a note here of the sections from those apis that we will be using in the first version?)

Responsibilities: The team is divided into 2 simple groups – Front End and Back End. The front end team will include Akshay and Audun; the backend will be handled by Josh and Winston. The sub-team members will be expected to collaborate and meet/interact weekly to build their respective app sections. Team meetings will be scheduled based on the convenience of all, and members will be informed in advance. The high level breakdown of responsibilities of the members will be as follows (this can be changed as needed):

* Akshay: Set up the 5 pages, UI and front-back end integration
* Audun: Set up UI, design responsibilities and media integration
* Winston: Set up the domain, pull in relevant data (based on filtered data) from Toronto open Data
* Josh: Pull in relevant data from Waterloo and/or Toronto open Data and front-back end integration

Deadlines: The deadline for the first version of the app will be November 6th 2013 at 11:59:59 pm

Social Coding: The github location of the code is <https://github.com/wemakewebapps/takemeout> . Ask Josh to add you as an owner for the project.

Week 1 Target: The first week, extended further into the long weekend, will see our app been restructured. We will be where we are in terms of development, but the pulling of data and UI will be transformed. In short, most of the work will involve refactoring the code or coming up with a new design. Members should collaborate and meet/interact with their sub-team members to meet the respective app responsibilities.

Contact: Facebook will be used a way to contact each other, however texting/calling will be used in case of urgency.

Conclusion: If you are a member, feel free to add/remove/modify the document as needed. For others, feel free to contact me @ [akshaybudhkar@gmail.com](mailto:akshaybudhkar@gmail.com)