# Splanner (Smart Planner) -Yahoo! HackU 2010, IIT Madras

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### **Motivation and functions**

- Often people find themselves with (precious) time at hand and yet are clueless what to do
- •Splanner aims to aid people in such a scenario by suggesting a schedule for them involving places of interest.
- •Places of interest include restaurants, movies, game parlors, parks etc. Schedules are decided based on a heuristic approach.
- •The input to the heuristic algorithm is the profile of the user (from twitter → Age, interests, location) and the current mood of the user, his favourite color
- Mood == sad → Offer him a quiet getaway, or angry implies suggest a comedy movie to cool him off etc

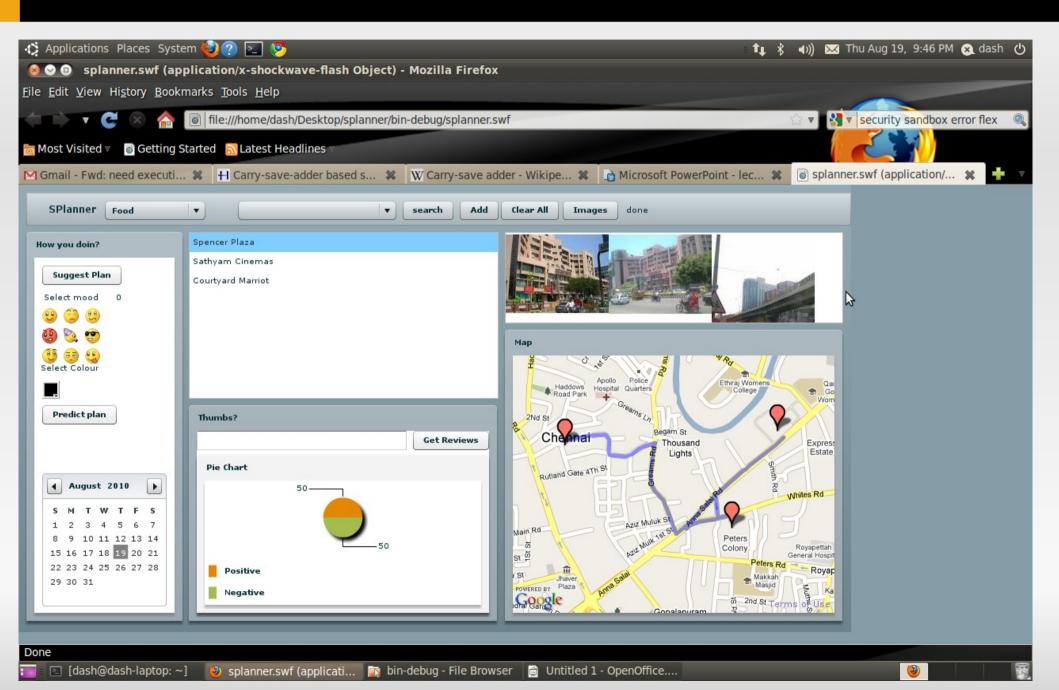
## Technologies used

- •Maps API to retrieve and show places of interest, route to be followed for a round trip from current location
- •Flickr API to retrieve image thumbnails of the said places of interest.
- Twitter API to retrieve profile of user
- •Twittersentiments API (From Stanford) for performing sentiment extraction and summarization of user reviews for a particular place of interest
- Adobe Flex for the UI

### Usage

- •The user has to authenticate himself to enable retrieving his profile details from twitter once.
- •From the main window, he can enter stuff like his current mood, favourite color etc to get a plan.
- •The plan has an ordered list of places of interest near to him.
- •Clicking on one shows thumbnails of the place. User reviews for it are presented as a pie chart below.
- •The map can be used to view the route for the round trip, the exact locations etc.

### **Screenshots**



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