

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
- Planner 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

Applications Places System Thu Aug 19, 9:46 PM dash

splanner.swf (application/x-shockwave-flash Object) - Mozilla Firefox

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How you doin?

Suggest Plan

Select mood 0

Select Colour

Predict plan

August 2010

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Spencer Plaza

Sathyam Cinemas

Courtyard Marriot

Thumbs?

Get Reviews

Pie Chart

50

50

Positive

Negative

Map




Chennai

Map showing streets: Haddows Road Park, Apollo Hospital, Police Quarters, Grems Ln, Begam St, Thousand Lights, Rutland Gate 4Th St, Main Rd, Aziz Muk 1st St, Anna Salai, Peters Colony, Royapettah General Hospital, Makkah Masjid, Peters Rd, Whites Rd, Express Estate, Qal Go Wom, Ka, 2nd St, Terms of Use, Gonapuram.

Done

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Screenshots

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How you doin?

Suggest Plan

Select mood 6

Select Colour

Predict plan

Little Italy

Boat Club

Sathyam Cinemas

Elliot's beach

Thumbs?

Get Reviews

Pie Chart

50

50

Positive

Negative

Map

Chennai

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Waiting for maps.googleapis.com...

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