Timeline

PROJECT: TAG AND SEARCH STUDENTS

Activity

- Implement tags. First Database (taking into account multiple tag system) (1), then front end (2) and then back end (3).
- Implement the progressive search functionality. First by integrating the JQueryUI API (4). Secondly establishing the protocol for filling the "tags table" in the JQuery code (5).
- Choose the additional information to be added during the search. Implement the display of this information during search(especially the pictures)(6)
- Implement the typo functionality described above. Examine the possibility of integrating GAE API or worst case scenario implement a local typo error correction based on the student pool.(7)

Period	Number of Weeks	Activity	Deliverable/Results
Community Bond		- Master all TEAMMATES technologies - Get acquainted to other contributors - Master TEAMMATES user functionalities - Master TEAMMATES developer's implementation (the code).	- Contribute to issue tracker - Contribute to solutions to issues
May 25 – June 1	1	(1)	Source Code/Pull Request/ Documentation
June 15 – June 22	1	(2)	Source Code/Pull Request/ Documentation
June 22 – July 7	2	(3)	Source Code/Pull Request/ Documentation
July 7 – July 15	1	(4)	Source Code/Pull Request/ Documentation
July 15-August 1	2	(5)	Source Code/Pull Request/ Documentation
August 1 – August 15	2	(6)	Source Code/Pull Request/ Documentation
August 15 – August 30	2	(7)	Source Code/Pull Request/ Documentation/ User Guide / Project Report

Further Details :

(1) : -Study current TEAMMATES database structure
- Build the tag table with the appropriate fields

- Link this table to all other tables (relevant links of course- student table for example).
- Assure the links permits multiple tagging for a student
  - By using an intermediary table permitting a many-many mapping
- Assure that modifications in database don't generate other errors in database related functions

(2) : - Build various UI associated to tags.
  - An interface to search all students having a certain tag
  - A page to see all the existing tags
- Modify(Add to) other interfaces tag functionalities
  - Hover on a student gives his prominent tags
  - Add it to his profile
  - Associating a tag to a student etc.

(3) : - Implement the backend to all the front end constructs.
  - Creating tags, Editing , Deleting
  - Associating a tag to a student
  - Tests

(4) :- Implement JQueryUI in student search(tag search)
  - Download and integrate the latest JQueryUI package
  - Link JQuery's table "parameter"(student pool) to student database

(5) :- Establish protocol
  - Conceive, examine and evaluate as many protocols as possible(including the ones mentioned in the proposal)
  - Implement the best(the proposal option by default)
  - Test and ensure its optimality.

(6) :- Configure search display
  - Linked to step 5
  - Choose and implement additional information to the display (Profile picture, Team ... etc.)
  - Test

(7) :- Examine and implement typo functionality
  - Re-examine the GAE API implementation
  - If GAE cannot be implemented, research other possibilities
  - Implement it(if possible) or implement simple programming typo corrections