Meeting Minutes:

Meeting 1: 9/3/2015

Work on preliminary project report

Pick team project leaders, tools and name

Set-Up google doc drive

Action Items:

Review report, make final changes

Look at team website

Attendees: Sruthi Chappidi, Barbara Maweu, Maryellen Oltman, Twinkle Sharma

Meeting 2: 9/14/2015

Clarify deliverables for interim project 1

Discuss about the different functional and non-functional requirement

Architecture with 5 modules for 5 different class (input, circular shift, alphabetize, output)

Decided to just do simple java application and if time provided we try to implement in applet

For Functional Requirements (FR) need to follow the description on website.

Non-Functional Requirements:

· Understandable: by using super/sub class division, need to explain user understandability, and maintainability

· Portable: The program can run on any OS as long as connection to web

· Enhance: low coupling, and high cohesion

· Reusable: low couple and the input, output classes can be used for any program as it is basically accept user input and pass it to other classes to perform necessary steps.

· Good performance: Performance is the amount of useful work accomplished by a computer system compared to the time and resources used. System shall search for a keyword and display the results within 2 seconds.

· User-friendly: well descripted and easy to understand input and output information for user

· Responsive: error handling

· Adaptable: Adaptability is the ability of a system to adapt itself to (or in other words, accommodate) a changing environment. It can be implemented by developing a system with a modular approach to limit the amount of code change required when it is used in new contexts.

Need to think what characters are acceptable for input string (language characters unprintable such as return. We can filter out punctuation characters like (,"[]?!:'~@#$%^\*`\_+-={};/><|\).

Action items

Requirement Specification: Twinkle Sharma, Barbara Maweu, Maryellen Oltman, Sruthi Chappidi. Everyone can work on it update on drive

Architecture Structure: Twinkle Sharma, Barbara Maweu, Maryellen Oltman, Sruthi Chappidi. use sample Object oriented style

Lucid Chart for Prototype: Sruthi Chappidi

Java Program: everyone can work it to divide program into 5 modules

Check if Web page compatible to run java application/applet: Maryellen Oltman

Attendees: Barbara Maweu, Maryellen Oltman, Sruthi Chappidi

Useful Links:

<https://www.cs.umd.edu/class/fall2011/cmsc132/lectures/Week10/ProblemSpecificationDesignSEIII.pdf>

<http://www.cs.toronto.edu/~sme/CSC444F/slides/L19-SoftwareArchitectures.pdf>

<https://www.cs.drexel.edu/~spiros/teaching/CS575/project/>

9/21/2015

Discussion: overview of architecture from ppt4.

Javascript update need to allow multiple windows to display on website

Have running java code and javascript

Divide the existing ava code into 5 modules (for high cohesion)

--> ask professor about the interfaces/functions that are in powerpoint:

1) should we have all the methods in each modules

2) what exactly do we need to have on the powerpoint

--> for each method in architecture show the parameter

For sample output.

Requirement Specification (FR /NFR and traceability document): Twinkle Sharma, Barbara Maweu.

Architecture Structure: Twinkle Sharma, Barbara Maweu, Maryellen Oltman, Sruthi Chappidi. use sample Object oriented style

Lucid Chart for Prototype: Sruthi Chappidi

Java Program /Javascript: Twinkle Sharma, Maryellen Oltman, Sruthi Chappidi

Check if Web page compatible to run java application/applet: Maryellen Oltman

Attendees: Barbara Maweu, Maryellen Oltman, Sruthi Chappidi, Twinkle Sharma

9/21/2015

Discussion:

* Architectural design style based on ADT ( changes to method name and parameters)
* Update JavaScript to show allow multiple windows to display on website (ideas: onclick move to new page ,but think of how to move data collected from users)
* Divide the existing java code into 5 modules (for high cohesion)
* Review the req spec to redefine the NFR according to the KWIC system( not just general definition)
* Prototype to match same format as Circular shift display for Alpha sort and output module

Action Items:

Sruthi Chappidi: (1) Introduction (purpose, scope), Software Architecture (picture), Template Phase 1 document.

Barabara: (4)Specification (FR /NFR and traceability document).

Maryellen: Javascript for web page, Software Architecture(text/description), Screenshots(prototype)

Twinkle: (2)Process model (look at the project\_sample), Create Template PowerPoint

Attendees: Barbara Maweu, Maryellen Oltman, Sruthi Chappidi

10/8/2015

Discussion: modify interim , change ppt and architecture specification based on professor’s feedback

Action Items:

all: PPT changed

Sruthi: ADT, informational explanation(main modules flow),Alternative ADT, Tradeoff Analysis, mockup.

Barbara: NFR(criteria and measure)

Maryellen: java script update with windows( user input line by line)

Twinkle: Modify the Spec document, User Manual(step by stpe of the output) and print, in the class diagram: change the interface name to Italics