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| Software Engineering Lab Meeting Minutes | | | | | | | |
| Date | | 2017/06/02 | | | | | |
| Time | | 9:30~12:00 | | | | | |
| Location | | Room 546 | | | | | |
| Facilitator | | Allen Yang | | | | | |
| Recorded by | | George Wang | | | | | |
| Objective | | Week 15 Class Diagrams & Final Project Updates | | | | | |
| Participants | | | | | | | |
| Name | | E-mail | | Role | | | Presence or not |
| Allen Yang | | [R04922169@ntu.edu.tw](mailto:R04922169@ntu.edu.tw) | | Leader | | | Y |
| Amity Jang | | [R04944053@ntu.edu.tw](mailto:R04922169@ntu.edu.tw) | | Member | | | N |
| David Chen | | [B03705028@ntu.edu.tw](mailto:B03705028@ntu.edu.tw) | | Member | | | N |
| Joe Yeh | | [B02902094@ntu.edu.tw](mailto:B03705028@ntu.edu.tw) | | Member | | | Y |
| Terry Hsu | | [B02902048@ntu.edu.tw](mailto:B03705028@ntu.edu.tw) | | Member | | | Y |
| George Wang | | [B02902122@ntu.edu.tw](mailto:B03705028@ntu.edu.tw) | | Member | | | Y |
| Meeting Agendas | | | | | | | |
| * Week 15 Class Diagrams. * Final Project Updates and Discussions. | | | | | | | |
| Issues | | | | | | | |
| * Week 15 Class Diagrams.   + Appropriate design principle for HW1: “Cut, Copy, Paste on a Document.” * Final Project Updates and Discussions. | | | | | | | |
| Action Items | | | | | | | |
| No. | Action Items | | Responsibility | | Deadline | Status | Remark |
|  | Review each member’s Sharpen-Your-Skill diagram. | | Whole Group | | 3/17 | **Closed　3/17** | Each member was assigned one statement to do after 3/14 class. |
|  | Draw “An Order Handling System” class diagram based on the requirements statements. | | Whole Group | | 3/20 | **Closed　3/20** |  |
|  | Draw “A Sales Reporting Application” class diagram based on the requirements statements. | | Whole Group | | 3/20 | **Closed　3/20** |  |
|  | Obtain basic information of *tensorflow* open-source. | | Terry Hsu,  Joe Yeh | | 3/20 | **Suspend** | 445K locs C++ && 440K locs Python |
|  | Obtain basic information of *OpenStack* open-source. | | George Wang | | 3/20 | **Suspend** |  |
|  | Obtain basic information of *ethereum* open-source. | | George Wang | | 3/20 | **Suspend** | C++ Client - (75K locs) |
|  | Finalize decision of the term open-source project: Alibaba’s *fastjson* consisting of 39K Java locs under /main directory. | | Whole Group | | 3/31 | **Suspend** | Discussion with Prof. Lee (and approval) needed. System architecture study currently on hold.  Change of project needed. |
|  | Study JSON.java | | Amity Jang | | 3/31 | **Suspend** | Project change. |
|  | Study JSONWrite.java | | Allen Yang | | 3/31 | **Suspend** | Project change. |
|  | Study JSONObject.java | | David Chen | | 3/31 | **Suspend** | Project change. |
|  | Study JSONPath.java | | Terry Hsu, George Wang | | 3/31 | **Suspend** | Project change. |
|  | Study JSONReader.java | | Joe Yeh | | 3/31 | **Suspend** | Project change. |
|  | Draw “Purchasing Department” class diagram based on the requirements statements. | | Whole Group | | 3/27 | **Closed　3/27** |  |
|  | Draw “Milk Delivery System” class diagram based on the requirements statements. | | Whole Group | | 3/27 | **Closed　3/27** |  |
|  | Complete early draft of SimianArmy system architecture. | | Whole Group | | 3/27 | **Closed　3/27** |  |
|  | Study *Monkey* abstract class. | | Joe Yeh | | 4/7 | **Closed　5/1** |  |
|  | Study *Chaos* Monkey. | | Allen Yang | | 4/7 | **Closed　5/1** |  |
|  | Study *Conformity* Monkey. | | Amity Jang | | 4/7 | **Closed　5/1** |  |
|  | Study *Janitor* Monkey. | | David Chen | | 4/7 | **Closed　5/1** |  |
|  | Study *CloudClient* interface. | | George Wang | | 4/7 | **Closed　5/1** |  |
|  | Study *AWSClient* class (implements *CloudClient*). | | Terry Hsu | | 4/7 | **Closed　5/1** | Close work with George needed. |
|  | *Crawler* classes for three monkeys; including abstract classes and interface. | | George Wang, Joe Yeh | | 4/7 | **Closed　5/1** |  |
|  | Draw “Composition” class diagram based on the requirements statements. | | Whole Group | | 4/11 | **Closed　3/31** |  |
|  | Draw “Holiday Travel Vehicles” class diagram based on the requirements statements. | | Whole Group | | 4/11 | **Closed　4/10** | Further revision, namely classes, may be needed. |
|  | Draw “Chemistry Laboratory” class diagram based on the requirements statements. | | Whole Group | | 4/11 | **Closed　3/31** |  |
|  | Draw sequence diagram for “Holiday Travel Vehicles” | | Whole Group | | 4/11 | **Closed　4/10** |  |
|  | Create WBS for *SimianArmy* refactoring. | | Whole Group | | 4/11 | **Closed　4/10** |  |
|  | Define all classes and methods for *Chaos Monkey* | | Allen Yang | | 4/17 | **Closed**  **5/15** | Drew class diagrams |
|  | Define all classes and methods for *Janitor Monkey* | | David Chen | | 4/17 | **Closed**  **5/21** | Drew class diagrams |
|  | Define all classes and methods for *Comformity Monkey* | | Amity Jang | | 4/17 | **Closed**  **5/8** | Drew class diagrams |
|  | Define all classes and methods for all *Client* relating | | Terry Hsu | | 4/17 | **Closed**  **5/26** | Drawing class diagrams |
|  | Define all classes and methods for all *Crawler* relating | | Joe Yeh | | 4/17 | **Closed**  **5/26** | Drawing class diagrams |
|  | Define all classes and methods for all *Utility* relating | | George Wang | | 4/17 | **Closed**  **5/22** | Drew class diagrams |
|  | Draw class diagram of Spreadsheet application | | Whole Group | | 4/14 | **Closed**  **4/14** |  |
|  | Draw class diagram of Pizza store | | Whole Group | | 4/14 | **Closed**  **4/14** |  |
|  | Implement the “Pizza store” diagram in Java | | Terry Hsu | | 4/17 | **Closed**  **4/17** |  |
|  | Draw sequence diagrams | | Whole Group | | 4/17 | **Closed**  **4/17** |  |
|  | Refactor the “Pizza store” code | | Whole Group | | 4/17 | **Closed**  **4/17** |  |
|  | Draw class diagram for File-Viewer | | Whole Group | | 4/21 | **Closed　4/21** |  |
|  | Quiz Review | | Whole Group | | 5/01 | **Closed  5/01** |  |
|  | Review and revise the code for File-Viewer | | Whole Group | | 5/01 | **Closed 5/01** |  |
|  | Revise class diagram for File-Viewer | | Whole Group | | 5/01 | **Closed 5/01** | During and after coding, taken I/O into account, revise accordingly. |
|  | Initial Class Diagram for “Powerful Document Viewer” | | Whole Group | | 5/05 | **Closed 5/05** |  |
|  | Initial Class Diagram for “A GUI Application with Multiple Styles” | | Whole Group | | 5/05 | **Closed 5/05** |  |
|  | Code “Powerful Document Viewer” | | Individually | | 5/05 | **Closed 5/08** |  |
|  | Code “A GUI Application with Multiple Styles” | | Individually | | 5/05 | **Closed 5/08** |  |
|  | Class Diagram “Powerful Document Viewer” | | Whole Group | | 5/05 | **Closed 5/08** | See if initial design can be improved. |
|  | Class Diagram “A GUI Application with Multiple Styles” | | Whole Group | | 5/05 | **Closed 5/08** | See if initial design can be improved. |
|  | Codes Review | | Whole Group | | 5/08 | **Closed 5/08** | Going through codes to see each other’s differences. |
|  | Monkey Abstract (Context) | | David Chen | | 5/15 | **Closed**  **5/16** |  |
|  | Survey Strategy Pattern in *ChaosType* | | Allen Yang | | 5/19 | **Closed**  **5/22** |  |
|  | Survey Marker Interfaces in *\*Type* (e.g. *EventType*, *ResourceType*) | | George Wang | | 5/19 | **Closed**  **5/26** | Possible to change to annotation? |
|  | Survey Singleton Pattern | | George Wang | | 5/19 | **Closed**  **5/22** | Issue: have to study public enum{} first |
|  | Class Diagram “Chocolate Boiler” | | Whole Group | | 5/12 | **Closed 5/12** |  |
|  | Class Diagram “RTF Converter” | | Whole Group | | 5/12 | **Closed 5/12** |  |
|  | Codes Review | | Whole Group | | 5/15 | **Closed 5/15** |  |
|  | Class Diagram “Schematic Capture Systems” | | Whole Group | | 5/19 | **Closed**  **5/19** |  |
|  | Class Diagram “Print Out Items in Different Data Structures” | | Whole Group | | 5/19 | **Closed 5/19** |  |
|  | Codes Review | | Whole Group | | 5/22 | **Closed 5/22** |  |
|  | Survey Edda’s **\***JanitorCrawler’s ‘*parseJsonElementToresource ()*’ method | | Joe Yeh | | 5/26 | **Ongoing** |  |
|  | Survey MonkeyRunner’s *‘factory()’* method and its principle | | Terry Hsu & George Wang | | 5/26 | **Ongoing** |  |
|  | Survey BasicSimianArmyContext’s *‘factory()’* method and its principle | | Terry Hsu & George Wang | | 5/26 | **Ongoing** |  |
|  | Draw class diagram for “A Programming Environment” | | Whole Group | | 5/26 | **Closed 5/26** |  |
|  | Draw class diagram for “Master Game” | | Whole Group | | 5/26 | **Closed 5/26** |  |
|  | Week 14 HW Codes Review | | Whole Group | | 6/1 | **Closed 6/1** |  |
|  | Survey *SimianArmy* Coding Style | | Whole Group | | 6/2 | **Closed 6/2** |  |
|  | Draw class diagram for “Cut, Copy, Paste on a Document” | | Whole Group | | 6/2 | **Closed 6/2** |  |
|  | Draw class diagram for “Email Handler for Enterprise” | | Whole Group | | 6/2 | **Closed 6/2** |  |