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| **SM504 (SPRING 2015) – SRS REVIEW DOCUMENT**  **(Team D reviews Team A)** | | | | | | | |
| Start Date: March 24th, 2015 | | | | Starter: Mert Akıncı – Team D | | | |
| Project Name: Personal Finance Manager | | | | Number of Pages: 24 | | | |
| Product Name: PFM | | | | Product Definition: Team A project for managing and tracking personal finance. | | | |
| Role Assignments: | Review Leader: | | | Önder Altıntaş | | | |
| Reviewers: | | | *1. Mert Akıncı* | | | *3. Önder Altıntaş* |
| *2. Ömer Doğan* | | | *4. Ali Kayhan* |
| Review Materials: | 1. *SRS Document submitted by Team A for “Personal Finance Manager”* 2. *IEEE Std 830-1998, IEEE Recommended Practice for Software Requirements Specifications.* 3. *Review Document* | | | | | | |
| Defined Number of Errors: 20 | | | | | | | |
| Assessment Status: | | | ACCEPTED  \_\_\_ as it is  ✓ with rework | | REJECTED  \_\_\_\_ review again | | |
| ERROR TYPES | | | | | | | |
| Error Type Number | | Error Type Definition | | | | Number of Errors Found | |
| 1 | | Spelling (grammar, punctuation, etc) | | | | 4 | |
| 2 | | Inconsistency with the standards | | | | 2 | |
| 3 | | Uncertain | | | | 5 | |
| 4 | | Incorrect | | | | 2 | |
| 5 | | Inapplicable | | | | - | |
| 6 | | Internal Inconsistency | | | | 1 | |
| 7 | | External Inconsistency | | | | - | |
| 8 | | Incomplete/Insufficient/Missing | | | | 3 | |
| 9 | | Other | | | | 3 | |
|  | | **TOTAL** | | | | **20** | |
| Required Effort to Correct | | Error Importance | | | | Number of Errors Found | |
| 30 minutes. | | Minor - that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit of product. | | | | 12 | |
| 2 hours. | | Major - other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose. | | | | 8 | |
| None. | | Critical - result in hazardous or unsafe conditions for individuals using, maintaining, or depending upon the products; or  prevent performance of the tactical function of a major end item. | | | | 0 | |
| 2,5 hours. | | **TOTAL** | | | | **20** | |

| **No** | **Section** | **Page** | **Line** | **Document Portion** | **Error Type** | **Importance** | **Explanation** | **Correction Status** | **Correction Explanation** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2.2** | **6** |  | **Product Functions** | **6** | **High** | **It says this section gives brief info about the use cases but although there are 11 use cases, 12 use case sentence written.** |  |  |
| **2** | **2.2** | **6** |  | **Product Functions** | **3** | **Medium** | **Hard to understand which product function shows related use cases. CN tag is used for once?!** |  |  |
| **3** | **Appendixes** | **24** |  | **End of the document** | **8** | **Medium** | **Requirements traceability matrix is missing.** |  |  |
| **4** | **2.4** | **6** |  | **Constraints** | **2** | **High** | **Inconsistency with the IEEE Std 830-1998, sub parts are missing.** |  |  |
| **5** | **3.1.1** | **7** |  | **User Interfaces** | **9** | **Low** | **Numbering (or assigning identifiers to) each user interface (such as Figure numbers) would be useful.** |  |  |
| **6** | **3.1.1** | **7** |  | **User Interfaces** | **9** | **High** | **Explanations may be added for each user interface; such as what it is used for, types and definition of UI elements and inputs etc.** |  |  |
| **7** | **3.1.1** | **9** |  | **User Interfaces** | **4** | **Low** | **The last user interface seems to be redundant with a previous one. There are two “Yeni Hesap Yaratma” user interfaces. They have some differences.** |  |  |
| **8** | **3.1.3** | **10** |  | **Software interfaces** | **8** | **Low** | **The csv file interface may be added and the format of the file can be defined.** |  |  |
| **9** | **3.2.1** | **11** |  | **Use Cases** | **1** | **Low** | **No is used with plural when the noun is countable. “No preconditions” should be the correct form.** |  |  |
| **10** | **3.2.1** | **11&12** |  | **Use Cases – Create Account & Rename Account** | **3** | **High** | **Some steps of Main Success Scenario have clarity problems such as the following:**  **“account name” is not defined in the document. (alphanumerical? How many characters at least, at most etc.)**  **“account balance” variable is not clearly defined. Developer may not understand what kind of values are acceptable for this field.** |  |  |
| **11** | **3.2.1** | **11&12** |  | **Use Cases – Create Account & Rename Account** | **1** | **Low** | **There is an extra “PFM” word at the end of Extension 2. for each page.** |  |  |
| **12** | **3.2.1** | **13** |  | **Use Cases – Close Account** | **1** | **Low** | **Main Success Scenario (5th step) – PFM close(s).** |  |  |
| **13** | **3.2.1** | **13** |  | **Use Cases – Close Account** | **1** | **Low** | **Extensions 1.2 – PFM restart(s).** |  |  |
| **14** | **3.2.2** | **14** |  | **Use Cases – Enter Transaction** | **3** | **High** | **Explanation for Number 10 above is also applicable here for transaction date, transaction type, transaction description.** |  |  |
| **15** | **3.2.4, 3.2.5, 3.2.6** | **19, 20, 21** |  | **Use Cases – Generate Monthly Reports, Generate Balance Sheet, Generate Income Table** | **3** | **High** | **The content and format for monthly report, balance sheet and income table are uncertain.** |  |  |
| **16** | **3.2.5** | **10** |  | **Generate Balance Sheet** | **9** | **Low** | **Main Success Scenario might have a “Step 1. User requests to view balance sheet.”** |  |  |
| **17** | **3.5** | **22** |  | **Design Constraints** | **8** | **High** | **As hardware, Apple tablet platform can be an important design constraint. Also for Apple/IOS, there are constraints for both UI and software development. These could be mentioned with the link of Apple/IOS style guidelines on the official web site. (https://developer.apple.com/library/ios/documentation/UserExperience/Conceptual/MobileHIG/)** |  |  |
| **18** | **3.5.2** | **22** |  | **Scheduling and Team Constraints** | **3, 2** | **High** | **How team’s schedule and structure affects the design is unclear. It is difficult to find design constraint on that part without explanation. These might be project’s constraints, instead of the software design. This part seems more suitable for SPMP.** |  |  |
| **19** | **3.6.1** | **23** |  | **Reliability** | **4** | **High** | **Reliability is about the software functions, not about code quality. Mean Time Between Failures might be used instead of Maximum Bugs.** |  |  |
| **20** | **3.6.4** | **23** |  | **Maintainability** | **1** | **Low** | **administarion 🡪 administration.** |  |  |