Topics in Software Engineering I

Assignment # 03Style Guidelines for Final Year Project Reports

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A project submitted in partial fulfilment of the

COMSATS University Degree of

BSc. (Hons.)BS in Computer Science / Software Engineering (CUI)



Department of Computer Science

COMSATS University Islamabad, Lahore Campus

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**Project Registration**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Project ID (for office use) | | |  | | | | |
| Type (Nature of project) | | | [ ] **D**evelopment [ ] **R**esearch [ **•** ] **R**&**D** | | | | |
| Area of specialization | | |  | | | | |
| **Project Group Members** | | | | | | | |
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**1-What refactoring strategies do they use?**

* **Simplifying methods refactoring:**
* The code base is so critical and having lot of complications. Any user or coder faced complications while contribute to the open source. Methods calls, Procedures calls and conditional expressions are used as Simplifying methods refactoring

**2-How do they apply Rewrite?**

Version 5.0 was discarded, and version 6.0 as in Mozilla was worked on after refactoring.

Version 5.0 was rewritten by making the code base free and open source which was so full of bugs that even fundamental functionality was lost.

**3-**

1. **Old Features.**
2. It’s not a default browser.
3. Default cost price
4. Up until version 5, it had all the standard features of a browser similar to Microsoft.
5. Product name remained Netscape
6. **Newly Added Changes.**

* Google Chrome, Microsoft Edge or Mozilla Firefox. ( any new browser having newest technologies)
* Gecko engine

1. **Changes for Each Version.**

* They used version (5,6,7) for rewriting the code base and complete code.
* They used gecko engine with Firefox browser after the process (rewrite of Mozilla).
* Version 7 have major changes due to the Rewritten of Mozilla.
* Then firefox browser with gecko engine after re write of Mozilla

1. **Current State.**

* Current State defines Version 108.0.1 of the mobile and desktop-compatible Firefox browser.