Software Project Management

Lab3

GitHub assignment

UberRush

**Group member**

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**Estimated Effort:**Since the project requires multiple program languages and has a requirement for multiple platforms, the project is embedded.

COCOMO:

E=a(KLOC)b = 2.8\*(10)1.2 =44.38 person-months

Function Points

|  |  |  |
| --- | --- | --- |
| External User Type | Number | Multiplier |
| External Input | 7 | 3 |
| External Output | 5 | 5 |
| External Inquiry | 2 | 3 |
| Logical Interface File | 5 | 10 |
| External Interface File | 3 | 10 |
|  | Total/FPs | 132 |

**Activity Diagram:**

**Potential Risk:**

**Cost Estimation:**If thecost estimation is underestimating, the project will be in trouble of being terminate. We must adjust the resources in the progress in order to fit the situation. We will also run multiple different methods to estimating the costs.

**User Information:**

As a delivery service system, the user information needs to be guaranteed to be safe. We must use a well-protected security system on the server in order to prevent the leaking of user data. We also need to make sure the application should be able to hide personal information for users. The security system should be maintained and updated once a month.