**Assignment 3**

**CS-328 Software Engineering**

**Instructor: Miss Romasha Khurshid**

# Group Members:

* **Muhammad Sufyan Siddiqui 18K-1161 C**
* **Muhammad Mudassir 18K-1042 C**
* **Ammarah Abid 18K-0214 C**

# Software House:

* **Ephlux**

# Interview:

**1) Which Process models do they apply for their projects? How do they decide which process model is most suitable for a project?**

Answer: Agile Methodology. agile practices involve discovering requirements and developing solutions through the collaborative effort of self-organizing and cross-functional teams and their customer/end user.

**2) Do process models/ activities used differ from the ones we studied? How do they differ?**

Answer: No, they are the same. We most of the time use Scrum as an agile methodology

**3) What are the usual team member roles in their projects?**

Answer: It depends on scale of that project. Assuming project expected time span is 1 year then team is as follows:

* Software Project Manager
* Software Architect / Technical Manager
* Frontend Developers (2)
* 1 Senior 1 Junior
* Backend Developer (2)
* 1 Senior 1 Junior
* Software QA
* UI/UX Designer

**4) How do they perform software schedule and cost estimation?**

Answer: Our approach is to divide all the functionality at a very atomized level as a list of tasks breakdowns. Then we just add estimated time to a single task. Cost will be calculated by multiplying per hour rate of resource by Total no of hours.

**5) Do they perform manual or automated testing? Which software do they use for bug testing and tracking?**

Answer: We perform manual testing. We use JIRA / Active Collab etc for bug tracking and overall progression of project.

# References:

**Syed Mohammad Umair Ghazanfar** [**sm.umair@ephlux.com**](mailto:sm.umair@ephlux.com) **Lead Software Engineer**

**Saad Ahmed** [**saad.ahmed@ephlux.com**](mailto:saad.ahmed@ephlux.com) **Senior Data Scientist**

**Umair Ahmed** [**umair.ahmed@ephlux.com**](mailto:umair.ahmed@ephlux.com) **Senior Technical Manager**