**5-3 Journal: Developer**

Southern New Hampshire University

CS-250 Software Development Lifecycle

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**Requests Needed from the Product Owner and Tester**

Besides writing the code, as an agile developer, I am responsible for estimating, planning, and managing all tasks and reports relating to all progress within the project.

The benefits of a developer and Product Owner working together are combining a developer's technical knowledge and a Product Owner's development expertise to build and deliver the best product that supports the Product Vision. To ensure I am executing my role as an agile developer, I request the Product Owner to define their vision clearly. A proper Product roadmap allows the developer to design and develop a new product properly. A way that a Product Owner can voice their vision is to explain all the appropriate steps during each Daily Scrum. The Product Owner must also give honest feedback for all work delivered to ensure the developer is on the right track and be transparent about all goals and timelines to provide a product.

The benefits of having a developer and tester collaboration are to ensure quality assurance during the integration of construction and testing. A tester should be able to provide all documentation of the results of each test, and all output information from failed testing must be noted so the developer can revise the bugs. Also, a test needs to explain the rationale because related test techniques ensure the developer understands why the test suite was chosen. When a developer understands the test suite, it allows the developer to build better products and codes. Furthermore, the tester should provide feedback for any ambiguities that need improvement on the developers' machines. The feedback given at an earlier stage helps to determine which areas need improvement before testing.

**Ensuring a Response is Provided to Move Forward**

To ensure a response is provided to move forward, it is best to have constant communication with the Product Owner and tester. Different forms of communication methods include e-mail, phone, and face-to-face. One way to have effective communication is to keep the conversation simple without the context being too lengthy. For example, bullet points on an e-mail make the message easier to read and draw attention to vital information. Also, instead of seeking a resolution to a problem, provide optional solutions to get the process rolling faster. Keeping information simple while providing solutions to problems and ensuring the response is provided to move forward.

**Agile Methodology Provides Flexibility in Development**

Since agile methodology adapts to business needs, it allows flexibility in my approach in development. Since scopes are constantly changing, any unforeseeable requests can be introduced, revised, and tested immediately to progress forward in the next iteration. Also, because agile projects are broken into smaller and more manageable units, it allows development to be more flexible because it allows shift in the direction when requests are made with minimal risks.

**Sample E-mail**

Subject: 5/31 – Requesting Additional Information for New Plan – SNHU Travel Booking

Greetings Product Owner and tester,

As you know, we are moving forward to agile methodology, which has success in superior quality product development, better control, and can improve project predictability. I look forward to working together to strive for continuous improvement while building team morale. To overcome a few project constraints, I’ll need the following information below:

Product owner:

Please provide a full scenario of the goals and features of the product.

* + Specify what are the important dates and deadlines that need to be met.
  + Explain what the Product Roadmap for the appropriate design, development, tests, and implementation is.
  + Please kindly provide me the feedback from other stakeholders and end users.

Tester:

We will be requesting your services during the testing phase and expect full documentation of the results. In the meantime, I hope to work closely with you to determine all ambiguities on my end to fix any areas that could be resolved prior to testing.

Regards,

Developer