Title

Author

Affiliation

email

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Abstract

1 Story Line

Our every week meeting are held on "Skype", in the meeting we distrubute new tasks, we process the quallity of what we've done during prevoius week and share our new finding about each part of project with other members.

We use "Trello" as a collaboration tool and task distributer that organizes our project into boards. It provides us what's being worked on, who's working on what, and where something is in a process.

The first step for all of us was compiling the project on our systems. This part was a bit challenging as it needs so many libraries and dependencies. Then we tried to get familiar with the code. The next step was one of the most important parts, to choose useful and inovative feature in order to implement. All team members search and study about it and finally we ask community to confirm the most effective and we started to distrubte the tasks for that specific feature.

2 Project Planning and Management

Complex projects will usually involve highly qualified specialist project managers. We are trying following tools for our project management.

1. Work Breakdown Structure: We planned start by breaking down the overall objective into smaller packages, until each parcel of work is self-contained and can be attributed to one or more than one team members.

2. Dependencies: We list the tasks and which depend on the completion of which before they can begin. At this point we can also estimate how long each will take. This kind of analysis allows projects to be planned to make the most effective use of time and resources, and to deliver key outcomes and milestones to a specific timetable.

3 Quality Process

Every software development needs to be focused on the delivery of quality. One of the most important customer service skills is the ability to understand and effectively respond to the customers needs and concerns. Quality process must be a part of the entire software development life cycle (SDLC) from inception through implementation.

We see quality process fundamentally as a way of solving problems. Once we sense a problem, good problem solving technique involves alternating between the levels of thought and experience. For instance, after we sense a problem, we should collect some data to get insight regarding the area of the problem, choose the specific relevant improvement activity we will undertake, collect some more data, analyze the data to find the causes of the problem, plan a solution and try it, collect some more data to evaluate the effects of the new solution,

standardize on the solution if it works, and conclude by reflecting on what we did.

We use the following steps to ensure that we measure the right quality-control factors in the right way.

- Determine what to measure.
- Determine our measurement process by selecting the best process for our needs.
- Define exactly how we'll use the selected measurement process.
- Perform the measurements and compare to customer specifications.
- Confirm the quality of our data with compare-and-review checks and the help of a computer.
- Make sense of our data with coding and different data charts.

4 Task Distribution

Table 1: Implementation tasks

Tasks	Adrian Delmarre	Shabnam Najafian	Quentin Coursodon	Mohammad Mahadi Hasan
Call another app from the code (Linux)		√	√	
Integrate the POCs into Evince last up-to-date code	√		√	
Implement software tests	√			√
Find out a link is a link			√	√
Make a link clickable	√	√		
Compile up-to-date Evince code	√	√		

Table 2: Documentation tasks

Tasks	Adrian Delmarre	Shabnam Najafian	Quentin Coursodon	Mohammad Mahadi Hasan
Discribtion of every task	√	√	√	√
Introduction and Story line	√	√		
Check dependencies between tasks				√
Technical specification	√	√	√	√
Project management documentation	√	√		
Stakes of international work	√	√	√	√
Preparing Slides	√	√	√	√

Table 3: Architecture tasks

Tasks	Adrian Delmarre	Shabnam Najafian	Quentin Coursodon	Mohammad Mahadi Hasan
Technical specification	d	d	d	d
Cross-platform investigation	d			
Clear Git			d	

Table 4: Validation and Community tasks

Tasks	Adrian Delmarre	Shabnam Najafian	Quentin Coursodon	Mohammad Mahadi Hasan
Check out the validation process	d	d		d
Check out the test process		d		d

5 Task weight

Technical specification	12h
Implement software tests	8h
Compile up-to-date Evince code	6h
Call another app from the code (Linux)	4h
Find out a link is a link	4h
Integrate the POCs into Evince last up-to-date code	4h
Make a link clickable	4h
Cross-platform investigation	4h
Clear Git	3h
Description of every task	2h
Project management documentation	2h
Stakes of international work	2h
Check out the validation process	2h
Preparing Slides	2h
Check out the test process	2h
Introduction and Storyline	1h
Check dependencies between tasks	1h