Updated Release Plan

S.I.D. Technologies | March 11, 2018

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High Level Goals

Key of Users		CMPS115 Student = Functions Specifically Tailored to how CMPS115 scrum is run
Project Owner = Eva,	Client = Anyone Using SID	
Project Owner = Client Using SID as Project Owner	Team Member = Client Using SID as Team Member	Scrum Master = Client Using SID as Scrum Master

1. S.I.D. Technologies Basics: Logo.
    a. As a *Project Owner*, I want a logo so that S.I.D. Technologies can be easily recognized by users.
2. Website.
    a. As a *Client*, I would like this to be in the form of a website with all of the necessary tabs outlined in goal#4 so that it can be accessed from anywhere.
3. SCRUM Hierarchy so that a Project can have more than 1 person in it.
    a. As a Project Owner, I want a Team ID so that I can add my scrum team members to my project.
    b. As a Client, I want each Team Member to have an Email, Phone Number, and Name attached to the account so that I can send them notifications as necessary.
    c. As a CMPS115 Student, I need the position of Scrum Master to be changeable so that I can switch roles as the class requires.
4. Create a Scrum Board.
    a. Specific Sprint Information Tab.
        i. As a Client, I want the home page to have information about the current sprint so that I can tell which easily tell which project I am in and what sprint we are on.
        ii. As a Scrum Master, I want the Sprint Information to be editable so that I can change it with every new sprint.
            1. Sprint Fields: Project Name, Project Owner Name, Scrum Master Name, Developer Team Names, Sprint #, Sprint Planning Meeting Date, Sprint Review Meeting Date, Sprint Retrospective Date, Scrum Meeting Dates/Times
    b. The Product Backlog Information Tab.
        i. As a Team Member, I want the Product Backlog to have all User Stories that are not in the current sprint so that I can tell what still needs to be done.
    c. The Sprint Backlog Information Tab.
        i. As a Team Member, I want the Sprint Backlog to have all the User Stories that are in the current sprint.
    d. The To-Do/In Progress/Completed Tab.
        i. As a Team Member, I want the lists to have tasks on “post-it-notes” which can be dragged to other lists as they become in progress or get finished.

User Stories

1. Sprint 1
    a. As a Client, I want each Team Member to have an Email, Phone Number, Name and Position attached to the account so that I can send them notifications as necessary.
    b. As a Scrum Master, I want the Sprint Information to be editable so that I can change it with every new sprint.
    c. As a Project Owner, I would like this to be in the form of a website with all of the necessary tabs outlined in goal#4 so that it can be accessed from anywhere.
2. Sprint 2
    a. As a Project Owner, I want a logo so that S.I.D. Technologies can be easily recognized by users.
    b. As a Client, I want the website to have an appealing design so that I can comfortably navigate between tabs.
    c. As a Client, I want the home page to have information about the current sprint so that I can tell which easily tell which project I am in and what sprint we are on.
    d. As a Scrum Master, I want to be able to get and write information from and to the Sprint class.
3. Sprint 3
    a. As a Project Owner, I want a vector art logo so that it is easily resizable.
    b. As a Team Member, I want a functional website the users can interact with.
    c. As a Client, I want the website to have an appealing design so that I can comfortably navigate between tabs.
    d. As a Scrum Master, I want to be able to edit and view Sprint information on the website's home page.
    e. As a Team Member, I want to have a Scrum Board that I can modify with user stories and tasks.

Project Backlog

1. SCRUM Hierarchy so that a Project can have more than 1 person in it.
    a. As a Project Owner, I want a Team ID so that I can add my scrum team members to my project.
    b. As a Client, I want each Team Member to have an Email, Phone Number, and Name attached to the account so that I can send them notifications as necessary.
    c. As a CMPS115 Student, I need the position of Scrum Master to be changeable so that I can switch roles as the class requires.

2. Create a Scrum Board.
    a. Goals
        i. As a Team Member, I want goals to be in priority order from highest to lowest so that I can easily tell what is most important.
        ii. As a Scrum Master, I want goals to be color-coded by the MoSCoW method (Must, Should, Could, Won't) for my memory.
        iii. As a Team Member, I want to be able to click on a goal and go to the user stories associated with that goal so I can easily travel around the board.
    b. User Stories
        i. As a Team Member, I want user stories to be in priority order from the highest to lowest regardless of where I am on the board (sprint mode or goals mode) so that I can always see what is most important.
        ii. As a Team Member, I want user stories to be color-coded by goal so that I can tell which goal it belongs to.
        iii. As a Team Member, I want to easily move from user story to associated goal so that I can easily traverse the board.
        iv. As a Scrum Master, I want each user story to have a Fibonacci number attached to it so that I can tell the difficulty of the user story.
    c. Tasks
        i. As a Team Member, I know that tasks have dependencies and I want my task post-its to show that so that I can tell what order things need to be done.
        ii. As a Team Member, I want tasks to be easily assigned to people so that when I click on my login I can tell which tasks I still need to do for the sprint.
        iii. As a Team Member, I want each task to have a number of hours needed for completion so that I can tell how long the task should take me.
        iv. As a Team Member, I want my tasks to be color coded by user story to make it easier to see what it belongs to.
        v. As a Team Member, I want to easily move from task to user story so that I can easily traverse the board.
    d. Burn-Up Chart
        i. As a Client, I want the burn-up chart to look like a chart with all the proper axis labeled and the key made.
            1. Y-Axis: # of Hours (Black)
            2. X-Axis: Dates of the Sprint (Black)
            3. Maximum # of Hours Horizontal Line (Blue)
            4. Expected # of Hours per Day Diagonal Line (Green)
            5. Actual # of Hours of Work Completed Dots (Red)
        ii. As a Scrum Master, I want to be able to input the number of hours of work completed every scrum meeting so that I can keep our progress up to date.
3. Send Scrum Board for Previous Sprint when send is pressed and new Sprint Board is Added.
    a. As a CMPS115 Student, I want to be able to send a screenshot of the full scrum board at the beginning and at the end of the sprint by email to all of my Team Members which has the sprint information, the to-do/in progress/completed list, the sprint backlog, the product backlog and the burn-up-chart as it stands at the end of the sprint before the beginning of the new sprint so that everyone is aware of the state of the union as we are in class.
4. Phone Application.

a. As a *Project Owner*, I want all of this functionality to eventually be implemented in a phone application available for iPhone so that it can be fully mobile.
b. As a *Project Owner*, I want all of this functionality to eventually be implemented in a phone application available for Android so that it can be fully mobile.

5. Video Calling Functionality.
    a. As a start-up company, I want a video calling function so that we can hold our scrum meetings online and not just in person if needed.
6. Account Hierarchy so that I can be part of more than one SCRUM team if needed.
    a. As a Team Member, I want my own login so that if I am part of more than one project, I can easily switch between scrum boards.
    b. As a CMPS115 Student, I want my position to be easily changed and connected to the team rather than my login so that I can be a project owner in one scrum team and a developer in another scrum team and a scrum master in a third scrum team if needed.