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# S.I.D. Technologies

## Project Release Plan - January 23, 2018

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# What is S.I.D. Technologies?

What problem are we solving?

Eva Lomazov, our project owner, commutes to Santa Cruz from Los Altos on mornings she has class: Tuesdays, Wednesdays and Thursdays. On Mondays and Fridays, she works. This forces our team to hold scrum meetings through a videochat most days making a physical burnup chart basically useless. Inspired by our inability to find a good online scrum burnup chart template, S.I.D. Technologies aims to create an app with a fully integrated and color-coded scrum system that is affordable and user-friendly.

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# What is S.I.D. Technologies?

What are our goals?

S.I.D. Technologies Basics: Logo, Slogan Website.

SCRUM Hierarchy so that a Project can have more than 1 person in it.

Create a Scrum Board.

Tabs: Specific Sprint Information, Product Backlog Information, Sprint Backlog Information, To-Do/In

Progress/Completed, Burn-Up Chart

Classes: Goals, User Stories, Tasks

Send Scrum Board for Previous Sprint when send is pressed and new Sprint Board is Added.

# Sprint 1

As a *Project Owner*, I want a logo so that S.I.D. Technologies can be easily recognized by users.

As a *Project Owner*, I want a slogan so that S.I.D. Technologies can be easily recognized by users.

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.

As a Project Owner, I want a Team ID so that I can add my scrum team members to my project.

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.

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.

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.

# Sprint 2

As a Scrum Master, I want the Sprint Information to be editable so that I can change it with every new sprint.

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.

As a Team Member, I want the Sprint Backlog to have all the User Stories that are in the current sprint.

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.

As a Team Member, I want to easily move from user story to associated goal so that I can easily traverse the board.

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.

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.

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.

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.

As a Team Member, I want to easily move from task to user story so that I can easily traverse the board.

# Sprint 3

- As a CMPS115 Student, I need the position of Scrum Master to be changeable so that I can switch roles as the class requires.
- As a CMPS115 Student, I want the scrum meeting dates, times, and locations to be customizable so that I can set it to be 3 days a week instead of 5, at different times instead of every day at the same time, and at different locations or online.
- 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.
- As a Scrum Master, I want goals to be color-coded by the MoSCoW method (Must, Should, Could, Won't) for my memory.
- 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.
- As a Team Member, I want user stories to be color-coded by goal so that I can tell which goal it belongs to.
- 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.
- As a Client, I want the burn-up chart to look like a chart with all the proper axis labeled and the key made.
- 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.
- 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.

# S.I.D. Technologies Challenges

## ★ Product Risk

- Other programs charge lots of money for SCRUM, maybe an affordable version isn't possible.

## ★ Market Risk

- By making an affordable version, do we need to resort to advertising?

## ★ Strategic Risk

- How do we keep the information safe from hacking?

## ★ People Risk

- Is 5 developers enough to create a fully integrated usable product?

## ★ Financial Risk

- What is the cost-benefit of creating these APIs from scratch vs using existing ones?

## ★ Competitive Risk

- How do we set ourselves apart from our competitors when we do not have access to their work?

# S.I.D. Technologies Technologies

- All Artwork (Logo, Images, etc) ☐ Photoshop
- Website Real Design ☐ Sketch
- Website Wireframes ☐ Balsamiq
- Website Front-End ☐ Django
- Website Back-End ☐ Java/Javascript
- One-to-Many Database ☐ SQLite File



# Why are we called S.I.D. Technologies?

Abbreviation **S.I.D.**

Language of Origin **Latin**

Expansion **Semel In Die**

Meaning **Once A Day**

But also... **Scrum Is Dope**

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