HOMEWORK

CLASS 03

HOW TO ESTIMATE & SCOPE PROJECTS

THE Art & Science OF LEADING PROJECTS

ESTIMATING AGILE PROJECTS

In Class #3, we showed you an example of how you could estimate a total project cost given a set amount of team members and sprints. Now, while that isn't really, truly an Agile approach, it's a good way to establish just how much an Agile (or Hybrid) project might cost you.

Here's a recap of the example we shared in class:

Example 1 *(Class 3 - 00:22:36)*

THE ASSIGNMENT

For this homework assignment, your task is to create an estimate for the redesign of TeamGantt's marketing website. That's right, we're tearing it down and building a new website (not the app, just the marketing site).

Your dedicated team will work on the design and development of the site in an Agile method. You'll need to do a little bit of planning—but not too much, because this is Agile, bro.

Answer the questions below, and show your work. Don't forget this is just homework—there's no wrong answer because we all work differently. It's the thought process that counts!

1. WHAT ROLES WILL YOUR PROJECT NEED?

2. HOW MUCH DOES ONE PERSON COST FOR ONE WEEK?

You might not know this info if you're not close to your business operations. That's okay! If you know your blended hourly rate, use that. If you have no clue, use $1. The goal here is simply to get used to working through the details of what it will take to work in this way.

3. HOW LONG WILL YOUR SPRINTS BE?

Sprints are typically done in 2- to 4-week increments, but that's not a rule.

4. GOT YOUR ANSWERS TO QUESTIONS 2 AND 3? GREAT! HOW MUCH WILL IT COST TO HAVE ONE PERSON PER SPRINT?

5. HOW MANY SPRINTS SHOULD IT TAKE TO REDESIGN A WEBSITE?

This might be a guess, and to be fair, the best of the best estimators will provide ranges. Sometimes it's best to ballpark the number of months you think you'll need to get the job done and break that down into sprints.

6. NOW THAT YOU'VE ESTIMATED THE NUMBER OF SPRINTS YOU'LL NEED, AS WELL AS YOUR COST PER SPRINT, HOW MUCH SHOULD THE TOTAL PROJECT COST?

YOU DID IT!

Of course, it's never going to be perfect. But if you can run through this exercise, you can answer some pretty specific questions, like:

- **Will the project be worth the investment?**
- **Do we have the time to do this project?**
- **Do we have the resources to do this project?**
- **Do we have the funding to do this project?**
- **Are there better approaches?**

Show your work!

We'd love to see your projects and estimates—and so would your fellow classmates! Feel free to take a screenshot of your estimate and share it in the class comments!