Hackathon Projects: Bringing It All Together

From Idea to Final Deliverables

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Outline

● Sample Project
● What / Why: Idea, Problem, & Solution
● Who: Forming Your Team
● How: Determining Roles & Techniques
● When: Milestones & Timeline
● Closing Thoughts
The What?

Quickly work with mentors to understand the problem that the project is trying to solve.
Example Project - sms2ccq

Overview & Goal:

Use Twilio to build a chatbot that allows user to submit jobs and check status via text message.

Main Components:
- Cloudy Cluster
- Twilio
- Python Script - Integrate & Automate
The Problem & Idea - *(Don't forget Atlanta)*

It’s important that all of the members of the team understand what you’re trying to do!

- Will your project be beneficial to users?
- Is it interesting but also challenging?
- Can it scale, improve and grow?
- Are your expectations realistic?
The Who?

You might have a group of interested and enthusiastic people, *but* do you have the right mix of Players?

**BALANCE is KEY**

The 5 Stages of Team Development

- Forming
- Storming
- Norming
- Performing
- Adjourning
The How?

Tools

Code

Technology

APIs

Data Sources

e tc.

What

Who

How

When

Done
The When?

- Managing your time is critical!!!
- Daily Check Ins
- Pop-Up Challenges
Foundation & Stages of Development

Start with a solid foundation that you can build from:

- Research, learn, and Hello World
- Connect the dots as Proof of Concept
- Add features & complexity
- Build out the UI
- Test
- Present your solution
In Conclusion - Critical Elements of Success

- Communication, Communication, Communication
- Realistic Expectations
- Daily Checkpoints
- Tracking Time, Deliverables, Milestones
Thanks for Attending

Any Questions?