# Hackathon Projects: Bringing It All Together

From Idea to Final Deliverables

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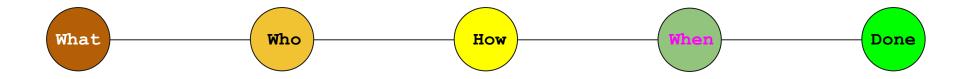
#### **Outline**

- 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, <u>but</u> do you have the right mix of Players?

#### **BALANCE** is **KEY**

#### The 5 Stages of Team Development

- Forming
- Storming
- Norming
- Performing
- Adjourning



What

Who

How

Done

## The How?



Tools

Code

Technology

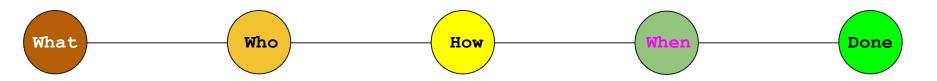
APIs

Data Sources

etc.







## The When?



# 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
- Realistic Expectations
- Daily Checkpoints
- Tracking Time, Deliverables, Milestones

# **Thanks for Attending**

**Any Questions?** 



