Project Management Overview

Hello

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— App Dev Practice Manager at CSG Pro

— GitHub: smashdevcode

— Twitter: SmashDev

Agenda

— Task Management

— Team Collaboration

Task Management

Define Your Project

— What's the vision for your app?

— What's the problem that its trying to solve?

Find the Core

— Minimal Viable Product (MVP)

— Include your project requirements

— Build half an app, not a half-assed app

Tasks

— Create a list of tasks to build your core app

— Breakdown your features into small tasks

— Less than 4 or 8 hours of effort per task

Parallel Development

— Vertical slices - By feature

— Horizontal slices - Front vs back end

— Look for opportunities to pair programming

Don't Get Distracted

— Ignore the details early on

— It's a problem when it's a problem

— Document new tasks as they are identified

— Move them to the backlog

Team Collaboration

GitHub

— Issues and Milestones

— Feature Branches and Pull Requests

Issues and Milestones

— Create a milestone for each sprint (or version)

— Create an issue for each task

— Organize your issues into milestones

— www.zenhub.io provides boards integrated into GitHub

Demo

Feature Branches and Pull Requests

— Provides the means to collaborate on code

— Allows team members to give feedback on your code

Demo

Team Communication with Slack

— Provides real-time communication

— Persisted, searchable history

— Lots of other options (in case Slack is not your thing)

Resources

— Getting Real by 37 Signals

Closing Thoughts

— Do what works for your team

— Your advisors will have lots of excellent input as well… so listen to them