

# Lecture 11: February 4

Career Planning, Presentation 4, Final Package

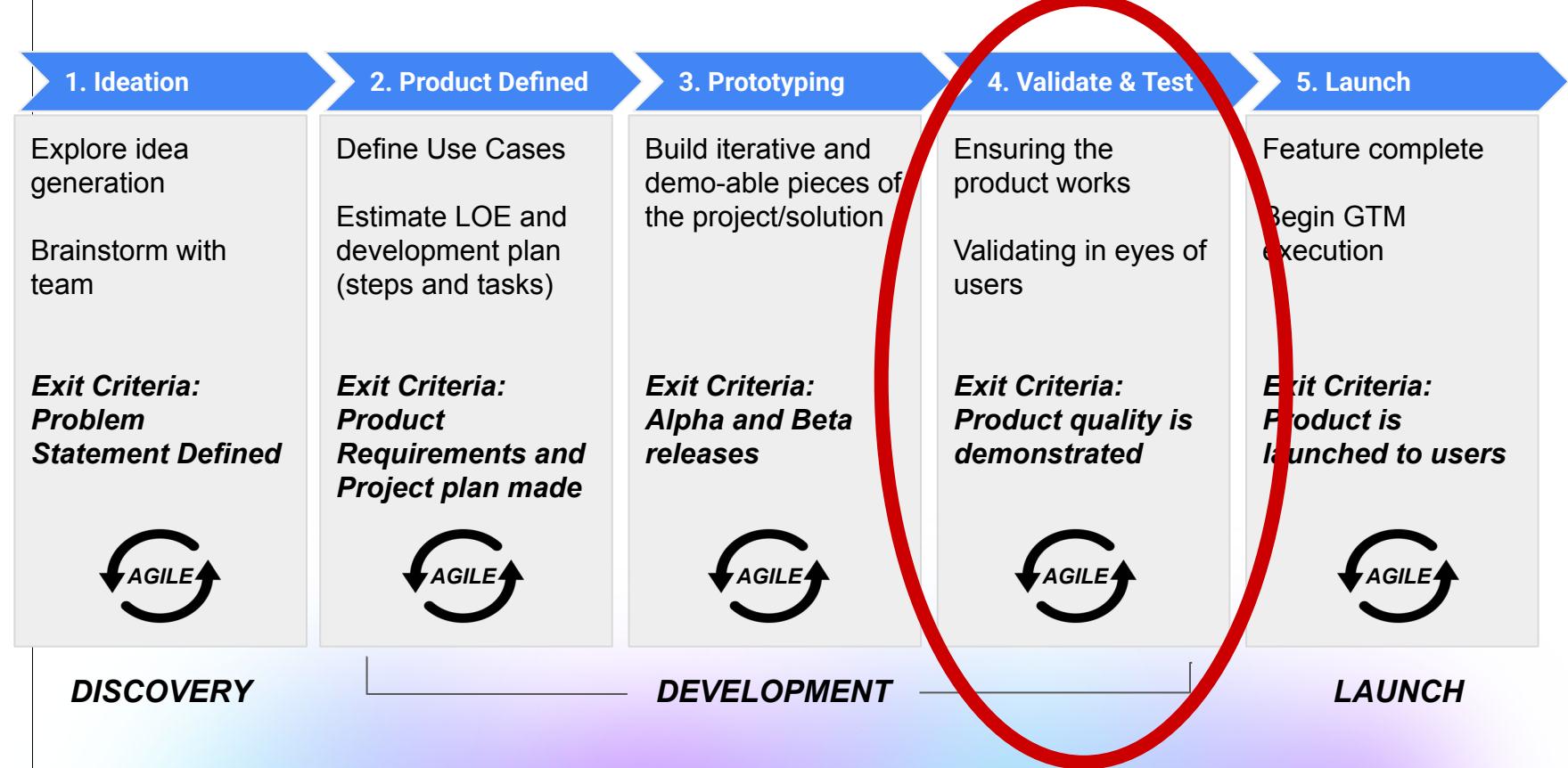
# Agenda

- Career Services Resources (Sean)
- Salary Negotiation (Eli)
- **February Sprint**
- Presentation 4
- Final Package
- Upcoming Deadlines

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Month	Expected Status	Monthly Focus	Deliverables
September	N/A	<ul style="list-style-type: none"><li>- Figure out teams</li><li>- Brainstorm projects</li></ul>	<ul style="list-style-type: none"><li>- Create teams</li><li>- resume</li></ul>
Mid-September	<ul style="list-style-type: none"><li>- Teams selected</li><li>- Handful of project ideas</li></ul>	<ul style="list-style-type: none"><li>- Final project selection</li><li>- Begin meeting w/ mentors</li></ul>	<ul style="list-style-type: none"><li>- Project proposal</li><li>- Hardware/software request</li><li>- Writing: Team Charter</li></ul>
October	<ul style="list-style-type: none"><li>- Project selected &amp; approved</li></ul>	<ul style="list-style-type: none"><li>- Begin technical investigations (services, apis, language, etc)</li><li>- Flesh out project functionality &amp; requirements</li><li>- Coding should start (scaffolding, ci/cd, prototyping)</li></ul>	<ul style="list-style-type: none"><li>- Writing: Technical summary</li><li>- Presentation: Elevator pitch</li></ul>
November	<ul style="list-style-type: none"><li>- Main technologies selected</li><li>- project is well-defined</li><li>- Everyone is actively coding</li></ul>	<ul style="list-style-type: none"><li>- Answer all questions needed to complete TDD</li><li>- Lots of coding for alpha review</li></ul>	<ul style="list-style-type: none"><li>- Writing: PRD/TDD</li><li>- Presentation: Project Design</li></ul>
December	<ul style="list-style-type: none"><li>- Code complete for alpha review</li></ul>	<ul style="list-style-type: none"><li>- more coding for demo 2</li><li>- Formalize design discussions into proper TDD</li></ul>	<ul style="list-style-type: none"><li>- Alpha review</li><li>- Presentation: Alpha prototype</li><li>- Writing: revised PRD/TDD</li></ul>
January	<ul style="list-style-type: none"><li>- Continued focus on project development</li></ul>	<ul style="list-style-type: none"><li>- continued development for demo 2</li><li>- focus on proper testing &amp; integration</li></ul>	<ul style="list-style-type: none"><li>- demo 2</li></ul>
February	<ul style="list-style-type: none"><li>- Code complete for demo 2</li></ul>	<ul style="list-style-type: none"><li>- Refine code from a prototype into a fleshed out project -- testing, integration, polishing</li><li>- continued development for prelim prototype (get as close to finished as you can here)</li></ul>	<ul style="list-style-type: none"><li>- Presentation: skill refinement</li><li>- demo 3</li></ul>
March	<ul style="list-style-type: none"><li>- Code complete for demo 3</li></ul>	<ul style="list-style-type: none"><li>- final code polishing to wrap up project</li><li>- complete any necessary integration work</li><li>- add extra features if possible</li></ul>	<ul style="list-style-type: none"><li>- demo 4</li></ul>
April	<ul style="list-style-type: none"><li>- <b>Code 99% complete for final demo</b></li></ul>	<ul style="list-style-type: none"><li>- finishing touches for final project submission</li><li>- ideally you are done with coding by this point</li></ul>	<ul style="list-style-type: none"><li>- R&amp;D Showcase</li><li>- Final Presentation &amp; Demo</li></ul>
May			<ul style="list-style-type: none"><li>- Final package due</li></ul>

# February Work



# February Sprint TODOs

- Integrate components, get as close as you can to a “finished product”
- Mentor PR review (before end of month)
  - Find a time to meet w/ your mentor
  - As a group, choose 1 PR to have mentor review over zoom with you
  - Ask mentor to leave comments on PR (so we know they reviewed it)

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# Presentation 4: Skill Refinement

- **Due Date: 2/18, lab may run past 8pm**
- **Goals:**
  - Keep your presentation skills fresh
  - Provide immediate, actionable feedback
- **Expectations**
  - This is an **individual** presentation
  - Prepare **30 seconds - 1 minute** of content (presentation 3 slides are great for this, no need to create new content)
  - We will provide immediate feedback and ask you to re-present
  - Grading is only based on presentation skills

Upload slides [here](#) before 2/18

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# Final Package

**Purpose:** Store all your project details in one place

**Due Date:** 5/8

**Contents:**

- Project Description + bio of team members (PDF)
- Final Presentation Slides (PDF)
- Senior Design showcase poster (PDF)
- Writing 4 (PDF)
- Zipped github repo export

Upload to Google Drive [here](#)

Creating a website is optional, but its nice to have to show off your project

**Examples:**

- <https://www.wingwatch.net/>
- <https://flighteye.github.io/>
- <https://subtitlevision.github.io/>

# For Next Week

## Weekly Focus

- Demo 2
- Optional: January group feedback
- February Sprint
  - Refine goals (**update github readme**)
  - Create sprint tickets



## Mentor Meetings

- [Team]: Mentor PR Review, show mentors your progress!

## Deadlines

- [Team]: Presentation 4 (**2/18**)
- [Team]: Mentor PR review (**3/1**)
- [Team]: End of February Sprint (**3/1**)
- [Team]: Demo 3 (**week of 3/2**)

## Upcoming labs

- Next week's lab is office hours over Zoom