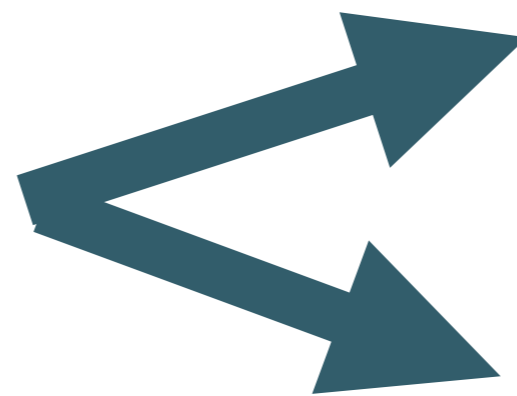# Mobile Web Development & Enterprise Web Development

Continuous Assessment

Agenda

- CA Structure

  - Assignment 1 (35%)

  - Assignment 2 (10%)

  - Assignment 3 (55%)

  - Assignment Submission Guidelines

- CA Calendar

- Assignment 1:

  - Specification

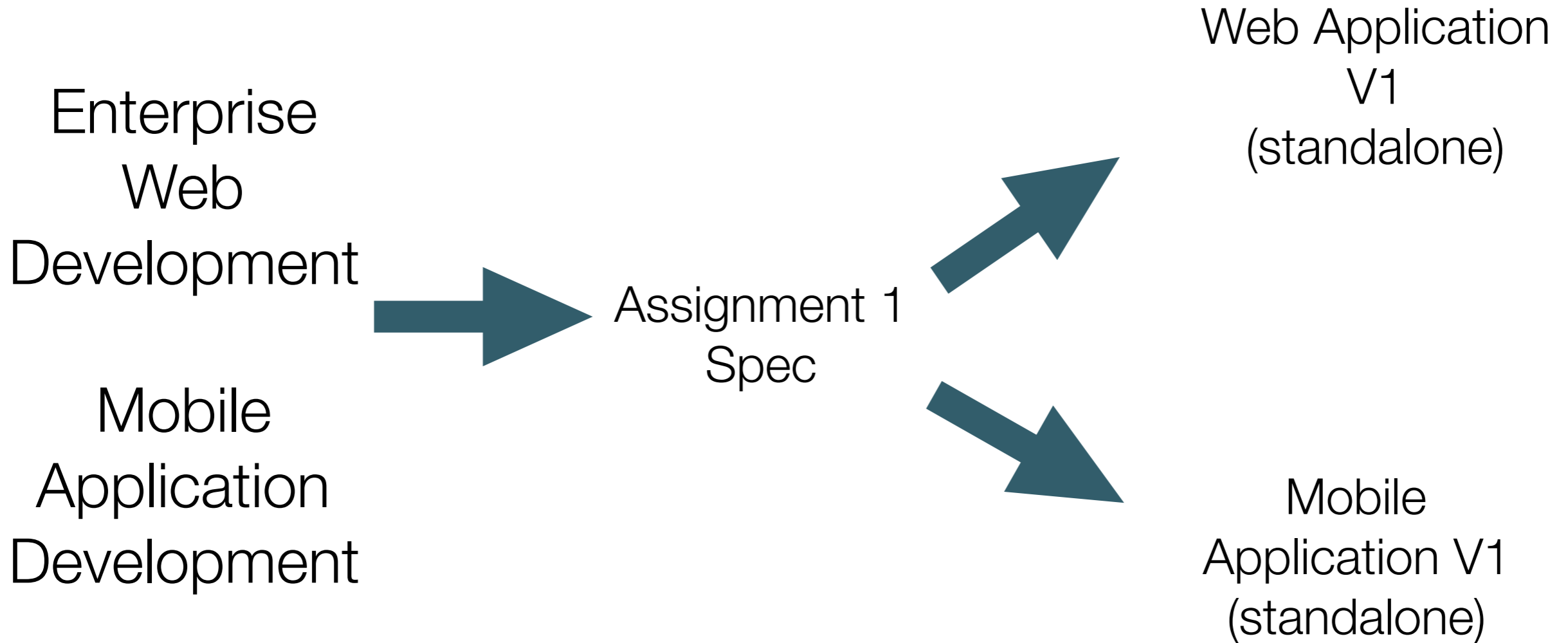 - Android App Specifics

  - Web App Specifics
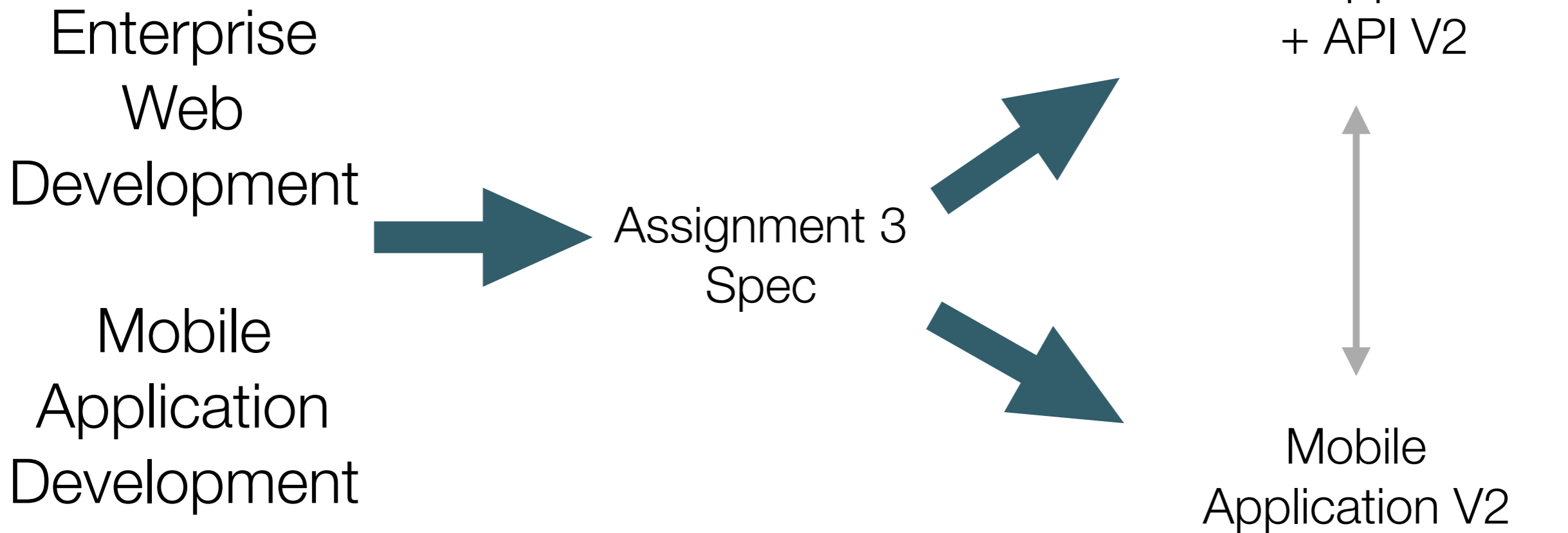
Enterprise Web Dev

Mobile App Dev

CA Structure

Assignment 1

Enterprise Web Development

Mobile Application Development

→ Assignment 1 Spec

Web Application V1 (standalone)

Mobile Application V1 (standalone)

Assignment 2

- Short Research paper on topical and relevant domain

- Accompanied by 10 minute presentation/slide deck

- Prepared & delivered by two person team

- Teams will be drawn by lot

- Topics also drawn by lot

- (Think champions league draw)

Assignment 3

Enterprise Web Development

Mobile Application Development

Assignment 3 Spec

Web Application + API V2

Mobile Application V2

Assignment Submission Guidelines

- Complete and submit the supplied cover page template.

- Cover page to contain:

  - Student name and id.

  - Brief non-technical description.

  - Links to repository hosting your code.

  - Link to Deployed Web App

  - All on single page.

Assignment Submission Guidelines (continued)

- For each assignment create a git separate repository (repo).

- Commit often (with suitable messages).

- Tag iterations using consistently styled tag names.

- Provide read-access to your repos with your tutors. Tutor ids will be provided.

- In the case of the Android app, submit an apk file.

CA Calendar

CA Calendar

Assign 1 Web
November 5

Assign 3 Web
December 15

Assign 2
November 30

Table 1

Week	1	2	3	4	5	6	7	break	8	9	10	11	12	
ent web dev								assgn.1				assign.2		assgn.3	
mob app dev								assgn.1						assgn.3	
Date	Sept 8	15	22	29	Oct 6	13	27	Nov 3	10	17	24	Dec 1	8	15	

Assign 1 Mobile
November 5

Assign 3 Mobile
December 15

Assignment 1

Specification

- Develop a Microblog/twitter like application

- Two standalone applications:

  - A Web Application

  - A Mobile Application

- Features:

  - Shared Features (present in both apps)

  - Features unique to each app

Shared Features

1. Enable User Signup / Registration / Login

2. Enable user to post 140 character tweets

3. These tweets are persisted, and will be reloaded when a user logs in.

4. Support viewing all tweets user has posted - the users public timeline

5. Allow a user to delete a subset of tweets

6. Allow a user to delete all tweets

7. Allow a user to edit account settings (email, password, and other details).

Web Only Features

- Deployed to an public server (heroku)

- View the timeline of another user

- View a 'global' timeline, of all tweets from all users

- Expose simple API, browsable by Insomnia

- Separate 'admin' account with:

  - Ability to add/remove users

  - Ability to delete tweets from any user, individually or in bulk