


# Mobile Web Development & Enterprise Web Development

---

Continuous Assessment

# Agenda

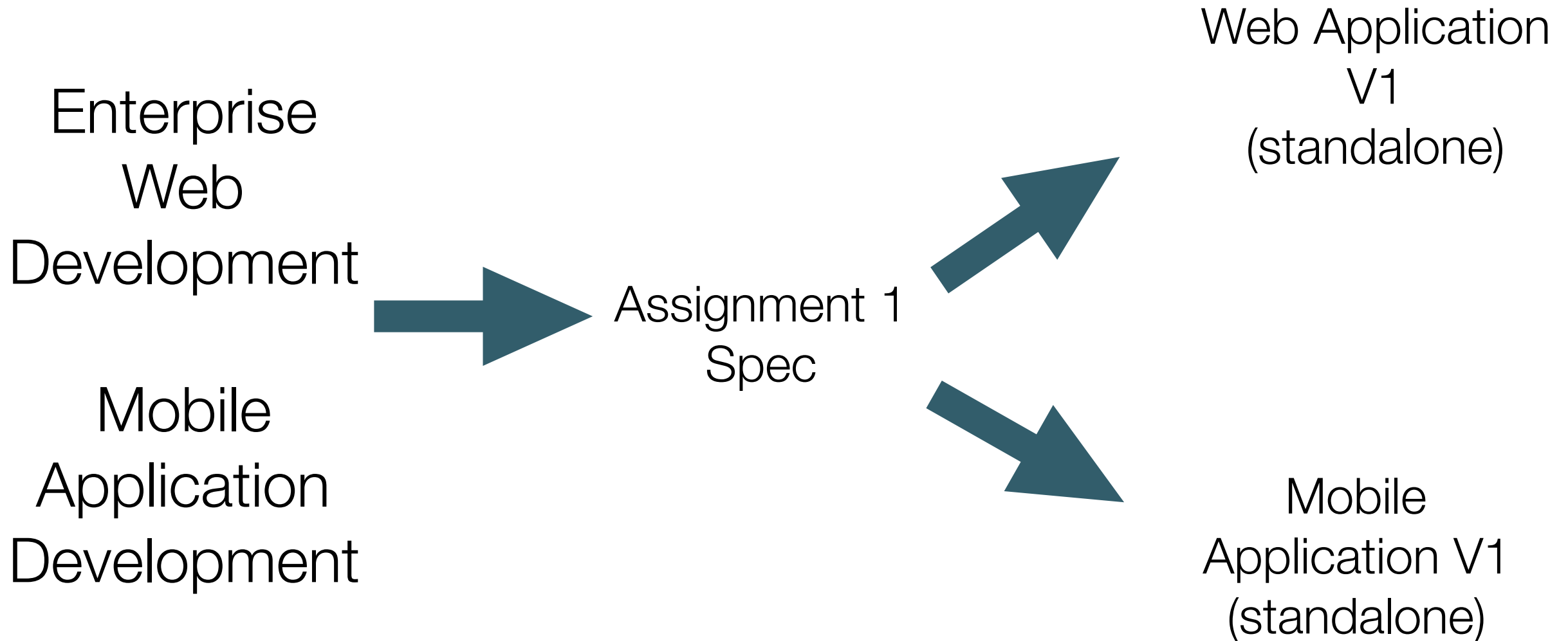
---

- CA Structure
    - Assignment 1 (35%)
    - Assignment 2 (65%)
    - Assignment Submission Guidelines
  - CA Calendar
  - Assignment 1:
    - Specification
    - Android App Specifics
    - Web App Specifics
- 
- The diagram consists of two dark teal arrows originating from the right side of the 'Assignment Submission Guidelines' bullet point. One arrow points diagonally upwards and to the right towards the text 'Enterprise Web Dev'. The other arrow points diagonally downwards and to the right towards the text 'Mobile App Dev'.

CA Structure

# Assignment 1

---

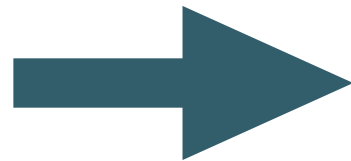


# Assignment 2

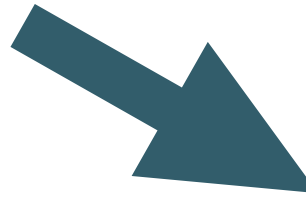
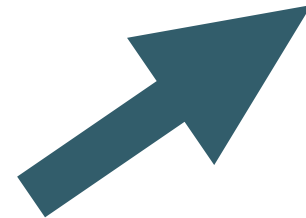
---

Enterprise  
Web  
Development

Mobile  
Application  
Development



Assignment 2  
Spec



Web Application  
+ API V2



rest API

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 4

Assign 2 Web  
January 2018

Table 1

Week	1	2	3	4	5	6	7	Break	8	9	10	11	12	
<i>ent web dev</i>								<i>assgn.1</i>						<i>assgn.3</i>
<i>mob app dev</i>								<i>assgn.1</i>						<i>assgn.3</i>
<i>Date</i>	Sept 11	18	25	Oct 2	9	16	23	30	6	13	20	27	Dec 4	

Assign 1 Mobile  
November 4

Assign 2 Mobile  
January 2018

# 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