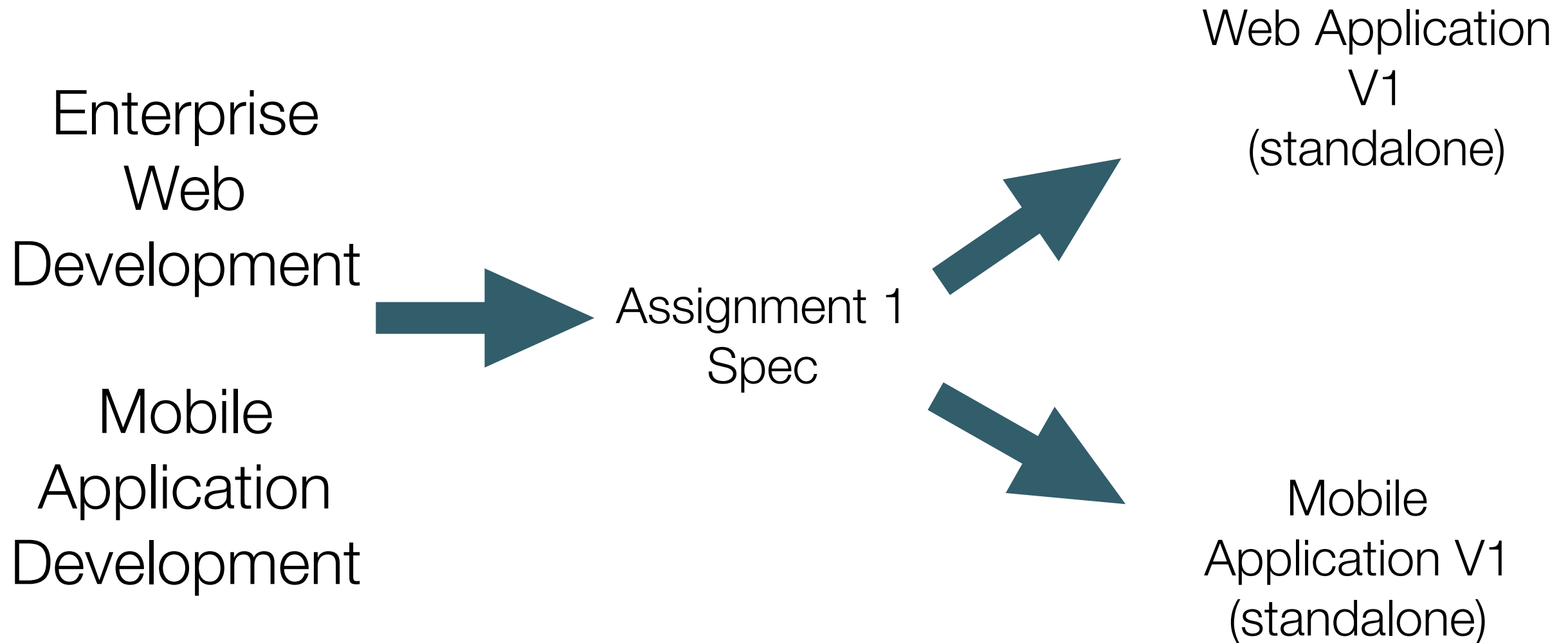


Assignment 1

Continuous Assessment

Assignment 1



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.

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
- Separate 'admin' account with:
 - Ability to add/remove users
 - Ability to delete tweets from any user, individually or in bulk

Grading Spectrum

Grade Range	Submission	Features	UX	Hosting
baseline	zip archive + coversheet	users, tweets, user timeline, delete individual tweets	Plain (following donation)	Localhost only
good	git repo + readme	view another users timeline, Validation admin account - remove individual users/tweets	Enhanced - innovative use of Semantic Components (eg.cards)	Heroku or equivalent
excellent	commit history	Global Timeline Admin account bulk remove tweets, users. Simple stat summaries (user and admin)	Images in Tweets!	Seeded, Heroku or equivalent
outstanding	tagged releases	Dashboard feature for Admin. Simple Ajax to keep dashboard live	Themeable UX	Seeded Heroku + alternative (eg. hyper-dev)