

# Agile Team Project

Week 5 Part 2 :  
Submission 2 / Module 2 overview

# MI - feedback

- How was MI?
- Generally impressive submissions
  - Rank S1/S2/S3 as a whole
  - Suggestion: develop Kanban boards further
- Aim marks+feedback out before S2

# No lectures next week (week 6-end)

- Final Masterclass Friday: [https:// SSL](https://ssl)
- Lectures (almost) done

# Team projects: CS depts

**OXFORD**

**Imperial**

BIRMINGHAM  
'21-'22

BIRMINGHAM  
'22-'23

Un-assessed

Assessed (lab)

**Assessed**

Assessed

4 weeks, Summer term,  
Only module

4 weeks, Summer term,  
Only module

**11 weeks,  
Spring term**

11 weeks,  
Spring term

Up to 10, self-selected

5-6, self-selected

6-7, assigned

~7, **hybrid: self selected**

Supervisor selected:  
problem, technology

Self-selected: full-stack &  
problem

**Self-selected: problem  
full-stack**

Self-selected problem,  
**given full-stack & VM**

Final team report

3 team milestones,  
final report

3 team milestones

3 team milestones,  
**3 individual milestones**

**Placements every year**

**Placements every year**

No placements  
(Except DA or Y3)

No placements  
(Except DA or Y3)

No Agile, No HCD

Agile + HCD

**Agile + some HCD**

Agile + some HCD

# Module feedback

- Feedback should be two-way
- **what's good** and **what to improve**

2021 ▾ Institution ▾		Guardian score/100 ▾	Satisfied with course ▾	Satisfied with teaching ▾	Satisfied with feedback ▾	Student to staff ratio ▾	Spend per student/10 ▾	Average entry tariff ▾	Value added score/10 ▾	Career after 15 months ▾	Continuation ▾
17	<a href="#">+ Birmingham</a>	80.8	84	83.4	58.2	16.7	7	166	6	97	98.2

University ranking	University name	Overall score	Entry standards	Student satisfaction	Research quality
18 ▼ 7	University of Birmingham <a href="#">VIEW COURSES →</a>	<div><div></div>83%</div>	<div><div></div>70%</div>	<div><div></div>73%</div>	<div><div></div>94%</div>

<https://forms.office.com/e/7DsgxXB4Hj>

- new for 2023:
- hybrid-groups
- ranking individual subs
- IT Virtual Machines
- Lab demo sessions
- given tech stack
- ALSO: tutors/lectures/masterclasses



<https://tinyurl.com/teamproj>

## S2 (task.pdf)

S2	Submission 2	individual	<ul style="list-style-type: none"><li>● agile estimation of feature cards</li><li>● 1-page tech research report</li><li>● development prep: tech stack/CI</li></ul>	5%	week 6	08/03/2023
----	--------------	------------	---	----	--------	------------

## S2 ranking guide- does not exist

Team Project 2022-23

S1 Ranking Criteria - guidelines

February 2023

### General guidance

Why do we need these guidelines?

In Milestone 1 the team will decide the ranking of individual work within the team submitted in Submission 1. The team will be able to report non-contributions or low-contributions, and we will investigate these. The team will decide the ranking criteria and this document gives some guidance of what is



# Tech Report

S2: Team members are expected to contribute a technical report for the benefit of other team members.

- report on an element of the stack
- one report per team member
- 1-page limit to each report
- reports written independently
- topics decided by the group
- no overlap in between reports
- specific to your team/app
- Reports should benefit the team
- **team members use the report when developing the vertically sliced features: saves everyone repeating**

# Possible report topics

- Spring Boot development - or whatever back end you use
- Library/API integration - team members can report on different libraries/APIs
- Angular (or whatever front-end you use)
- Data persistence (DB related technologies)
- Application Architecture/Business logic/core data model/constraints
- Security
- Development processes/conventions/quality expectations in the team
- Testing
- The DevOps of your project: pipeline / Virtual Machine / CI server etc

**n.b. any change/swap of feature from mockup must be justified**

# Agile estimation on feature cards

- Estimate: effort/time for assigned card(s)
- DO share: estimation criteria/process/units pre-S2
- DO not share: actual estimate numbers before submission

Team should rank each S2 submission based on agreement/reasonable-ness of estimates

# Tech Stack/CI development

- Develop MVP/devops- for your own feature
- Integrate any libraries into stack
- Integrate API tokens/dummy calls
- Propose data model, constraints, architecture

# Questions (m2+)

M2	Milestone 2 “MVP”	team	<ul style="list-style-type: none"> <li>• S2 ranking</li> <li>• walking skeleton/MVP</li> <li>• GDPR policy &amp; DPIA form</li> <li>• meeting diary</li> <li>• S3 task allocation</li> </ul>	30%	week 7	15/03/2023
S3	Submission 3	individual	<ul style="list-style-type: none"> <li>• full-stack feature(s) development</li> </ul>	5%	week 10	26/04/2023
M3	Milestone 3 “iterative development”	team	<ul style="list-style-type: none"> <li>• S3 ranking</li> <li>• complete app development</li> <li>• team contribution report</li> <li>• app demonstration</li> <li>• accessibility demonstration</li> <li>• meeting diary</li> </ul>	30%	week 11	03/05/2023

- When do we start developing?
- What is the MVP vs complete app?
- What is GDPR/DPIA?

# GDPR policy

For M2 submit a GDPR privacy policy specific to your app.

The privacy policy must include:

- what personal data you will store (emails & passwords: personal data)
- real contact details for the team
- what you will use the data for
- how long you will store the data
- where servers are located
- the cookie policy
- display of the GDPR policy in the app (on signup, footer, modal)

use the template available here: <https://gdpr.eu/privacy-notice/> as the basis

# DPIA Template

Data protection impact assessments

“We consider carrying out a DPIA in any major project involving the use of personal data.”

Read the guidance:

<https://ico.org.uk/for-organisations/guide-to-data-protection/guide-to-the-general-data-protection-regulation-gdpr/accountability-and-governance/data-protection-impact-assessments/>

Fill in the template assessment:

<https://ico.org.uk/media/for-organisations/documents/2258857/dpia-template-v1.docx>