https://github.com/DavidDudson/Capstone
http://battleships-capstone.herokuapp.com/gameState.jsp

Week 2 Reports

- WebUI Technology:
  - criteria rather shallow
  - provide some evidence (e.g., community support: # posts on slashdot - total and last 12 months)
  - license
  - familiarity in team
  - how is productivity / getting started assessed ? spike ?
- VisualLanguage evaluation ok
  - also add licensing info
  - look into support
- technology comparison and analysis
  - what are you analysing here ?
  - there is no real choice for the server language
- other issues:
  - why did you fork bruyere ?
  - talk about a changing API
  - David - individual report missing

Week 3 Reports

- Aiden: cloning game state - have a look at how this is done in existing games, what is progress towards playable game ?
  - uses deep copy from Apache Commons Lang
  - check for potential issues, such as:
    - assumption that objects must be serializable
    - performance penalty if reflection is used
  - own implementation could be better !
- Mitch: Apache License for Blockly is ok, using existing code converter to Java is risky, in particular given that this was done by a highschool
  - use client-side generator for Java
  -
- Asraf: missing, acc to team report no contribution
  - TODO: Jens - contact Asraf
- Josh: not accessible
- David: not clear what he did, what is "live reload" issue ?

Week 4 Reports

- general:
    - please upload reports as pdfs / text
    - who is who on github ?
        - crumbly (Aiden), CruskitKing (Mitch)
        - where are issues ?
    - need appointment for prototype presentation
- Team/Josh:
    - Ashraf contributed again
    - integration, mainly driven by David
    - server: Aiden, Client: Ashraf
- Aiden:
    - prototype
    - what is the JSP issue ?
    - took over blockly 2 java compiler
- Mitchell
    - missing !
    - acc. to team report, worked on EasyJ - what is this?
- Ashraf:
    - worked on UI
    - screenshot shows Aiden logged in ??
    - commit UI sketches to repository
- David:
    - missing !

time to present prototype: Thursday morning

Week 5 Reports

- *"..week aside from furthering the EasyJ development into our code they were able to find a working customizable version of blockly which uses Java.* " explain, Aiden called it "an implementation of EasyJ"
- Aidan:
  - who has written report - is Aidan now team leader ?
  - works on blockly
- please share Trello account with me (use google id)
- Mitchell:
  - works with blockly together with Aiden
- Ashraf:
  - used photoshop to do UI sketches
  - please add this to repository, and add URLs to report
  - procedure to accept those, and turn this into CSS
  - when will classes / ids be defined ??
- Josh:
  - mainly management work based on Trello ??
  - questions:
    - what is your definition of done
    - status of technical debt
- David:
  - integration work with sogaco backend

Feedback Jens on Week 4 Report (tentative)

159.356 Software Engineering Capstone Project

Week 4 Project Report Feedback

Group: 1

Topic	Max	Marks	Remarks

Process: **Requirements**	**10**	**8**	**Your specification does not completely overlap with the requirements given by the client** **(Jens): BattleShip was not a requirement, but a decision you made.** **To generate Java code is again not a requirement, but a technical** **choice you made (and we recommended) to facilitate the** **implementation of your product.**
Process: **Infrastructure**	**10**	**9**	**This is basically well done, I am a bit worried that you are using too many different platforms.** **This can make communication and consolidation of information more** **difficult.**
Process: Life Cycle Model & **Project Plan**	**10**	**6**	**If you use SCRUM please provide** **details: who acts as scrum master, where is your project backlog,** **etc !**
Process: **Technology Selection**	**5**	**3**	**I** **wondered why there was no expertise on ANT in the team – this** **was taught in 159.251 last year. On the other hand, Gradle got** **full marks here – this gives me the impression that this was done by one team member without consultation with the team.** **Some** **of the technology choices explored are irrelevant – for**

			instance, there is no role to play for server-side technologies like PHP, as you only use and perhaps extend an existing server.

Reg   back end language – the really important feature is performance,   tracability of errors and stability – discussed with team members, but not mentioned here.

Why are JS MVC frameworks listed under "user interface animation" ? |
| **Process: Architecture /**

 High-Level Design | **10** | **3** | This part is very weak.

I think part of this is documented in this UML diagram (the title   indicates that this is UML) https://www.lucidchart.com/documents/edit/b5b22b8e-e511-4ba6-976b-9f8540cde676?shared=true#

Be careful to use meaningless "boxology" - it is not clear how your diagram is related to UML standard diagrams one would expect here. In particular, the arrows are pretty meaningless !

What I would also have expected here is the specification of APIs for parts of the project where work is split, e.g. the specification of the Java API used for bots, the structure of the JSON used to encode a game, of core CSS classes used in the UI etc. |

Process:
        Risk
Management
	5	3	Risks should be documented not
			        only using a description and a
			mitigation strategy, but also
			information about the severity and the
			probability of this to occur.

Quality Assurance: Testing	5	3	Your product is front-end heavy, yet there are no front-end regression tests. It is highly recommended to automate client side tests, potentially using unit tests (QUnit or similar) as well as UI tests (Selenium or similar).
Quality Assurance: Issue Tracking	5	2	There is no real policy here, you just state that you want to use issue tracking. Who can open issues ? Who assigns them ? Can the person who is fixing the issue also close them, or does this also require peer review?

Prototype
        Presentation
	30	30	While there is no fully working
			        prototype, there are a number of
			well-working spikes that can be
			        easily integrated. Well done.

Presentation of Report	10	6	For future reports, please append referenced online documents as PDF. This is for us to create auditable artifacts for accreditation etc.

Total:	**100**	**73**	