

Module 6452 Project

06.07.2023

Module 3rd year HES

Module responsible Alexandre Cotting

Planning

- Start
 - 06.07.2023
- End
 - Saturday 09.09.2022 at 12h00
- Presentation
 - Saturday 09.09.2022 at 10h00

Planning

27	7/3/2023		Salles 102 et 103	Semaines bloc	jeudi 6.07 17h00 au samedi 11h50	COA - 645-2 - Projects - Présentation
28	7/10/2023	7/15/2023		Semaines bloc	jeudi 17h00 au samedi 11h50	COA - 645-2 - Projects
35	8/28/2023			Semaines bloc	jeudi 17h00 au samedi 11h50	COA - 645-2 - Projects
36		9/9/2023		Semaines bloc	jeudi 17h00 au samedi 11h50	COA - 645-2 - Projects - Présentation finale

Groups

Classe 606_3	20 étudiants	645-2						
No	Nom	Prénom	Langue	Group	Emails		Présentation	Prof
1	martroyedejoly	alexandre	F	1	alexandre.martroyedejoly@students.hev		10h00	Michael
2	michelet	arnaud	F	1	arnaud.michelet@students.hevs.ch			
7	borrajo	elias	F	1	elias.borrajo@students.hevs.ch			
13	delbuono	luca	F	1	luca.delbuono@students.hevs.ch			
14	lonfat	milena	F	1	milena.lonfat@students.hevs.ch			
5	Meynet	Laurian	F	2	laurian.meynet@students.hevs.ch		10h35	Michael
6	vialard	celine	F	2	celine.vialard@students.hevs.ch			
8	brouchoud	francois	F	2	francois.brouchoud@students.hevs.ch			
12	betrisey	julienne	F	2	julienne.betrisey@students.hevs.ch			
18	renna	zacharie	F	2	zacharie.renna@students.hevs.ch			
4	salamin	bastien	F	3	bastien.salamin@students.hevs.ch		11h10	Sébastien
10	dellea	jeremie	F	3	jeremie.dellea@students.hevs.ch			
11	bourquin	jonathan	F	3	jonathan.bourquin@students.hevs.ch			
17	clerc	theo	F	3	theo.clerc@students.hevs.ch			
19	marguet	romain	F	3	romain.marguet@students.hevs.ch			
3	avez	arthur	F	4	arthur.avez@students.hevs.ch		11h45	Sébastien
9	rey	guillaume	F	4	guillaume.rey@students.hevs.ch			
15	gomezcabeiro	sergio	F	4	sergio.gomezcabeiro@students.hevs.ch			
16	deblasi	simon	F	4	simon.deblasi@students.hevs.ch			
20	Keller	Benjamin	F	4	benjamin.keller@students.hevs.ch			

Working framework

- **> 60h** per student
- Agile organization: 4 Sprints (sprint 0 & 3 standard sprints of 1 week)
 - It will be a light kind-of SCRUM process: You should however show us the result at the end of each sprint by email with links to your demo. **Emphasize your PSPI => deployment!**
- It's SM responsibility to contact his professor
- **David Russo is technical support & link to the Computing Service (SINF). Bryan Spahr is technical Flutter and Firebase support**

Project subject

- All students work on the same project described in an annexed document
- Each group is followed by a designated professor
- **You will have to acquire Flutter competencies during the sprint 0 and continue your training after**
- You will have to designate a Scrum Master (work estimation 30%)
- Documents to provide and to maintain
 - Product Backlog
 - Velocity Chart + Release Roadmap
 - Sprint Backlog
 - Burndown Chart
 - Daily Meetings
 - Retrospectives
 - Journal de bord
 - User Guide
 - Technical Guide
 - Documented code

Evaluation

- (10%) User and technical guide
 - (30%) List of competencies through screen copies
 - (20%) DB Model logic and quality. Version control systems and Google Play store deployment
 - (40%) Demo and functionalities from the PB (MUST) through screen copies
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- You will receive a feedback afterwards
 - Normally it's a group mark but we keep the option to give individual marks

Some more technical information

- The two professors are at disposal on demand by email but we are not present all the time. Contact us for appointments.
- Technologies seen during the course
 - Flutter + Dart
 - Google Cloud Firebase

Essential Info

Flutter basics: <https://flutter.dev/docs/get-started/install>

Browser Simulator: <https://flutter.dev/docs/get-started/codelab>

Widget: <https://flutter.dev/docs/development/ui/widgets-intro>

UI: <https://flutter.dev/docs/development/ui>

Firebase+Flutter: <https://firebase.flutter.dev/docs/overview/>

Flutter+Docker: <https://blog.codemagic.io/how-to-dockerize-flutter-apps/#create-docker-container>

Needs

- Do your daily standing meetings. Report if some are not doing them. Tell us in advance where and when you will do them. We may pass to see it.
- Everyone will write his part in the daily meetings and in the retrospective.
- Everyone will choose his tasks and write his name as responsible and update his remaining hours
- The team language is French but presentations are in English
- The first week is in presential. The 3 other weeks could be done via Teams

Project presentation

- Present the group realized work to the rest of the class and the professors
 - In English
 - Everyone presents
- Place: TEAMS
- Each group presents his project during **20 min max + 10 min questions/answers.**
Test your presentation on the beamer before and adjust the resolution
- Content
 - Demonstration of the software on the external hosted site
 - Project explanation (Slides PPT)
 - Subject / Introduction
 - Objectives / Specifications
 - Architecture and chosen technology
 - Problems and solutions
 - Project management + PB + SB + DM + R + BC

Communication with the customer, email example...

Bonjour à tous,

Aujourd'hui nous avons célébré la fin du sprint 1.

Les thèmes de notre cérémonie étaient les suivants:

- Rétrospective du sprint (merci d'en prendre connaissance)
- Présentation de Denis (Crossword)
- Présentation de JS (APK / Playstore)
- Report des US pas fini en raison des empêchements
- Réévaluation des US avec le Poker vote pour les Story Points
- Évaluation des risques pour le prochain sprint

Nos tâches sont maintenant définies et certaines en attentes d'une confirmation.

@PO

- Accepter/rejeter les propositions des Assets
- Mail > Répondre à tous
- La présence du PO est nécessaire à la fin du sprint (Sprint Review).

L'**évaluation des risques** nous a permis de constater un **danger** quant à l'avancement du projet, à voir dans la synthèse de notre séance sur le One Note.

La rétrospective est disponible dans le One Note à la page "[Sprint Planning 03.11.2018](#)".

La [planification](#) sous forme de calendrier est disponible dans le One Drive.

Le PB est disponible sous la [nouvelle version](#) et a été mis à jour.

En ce qui concerne, les US et l'avancement durant le sprint, veuillez-vous référer au Dashboard dans Trello:

<https://trello.com/b/rwBeTVIb/unityproject>

N'hésitez pas à nous contacter en cas de questions.

Un bon weekend.

Daniel

Communication with the customer, email example...

Good morning, everyone,

Today we celebrated the end of sprint 1.

The themes of our ceremony were as follows:

- Retrospective of the sprint (please take note)
- Presentation by Denis (Crossword)
- Presentation of JS (APK / Playstore)
- Postponement of US not finished due to impediments
- US Reassessment with Poker Votes for Story Points
- Risk assessment for the next sprint

Our tasks are now defined and some are awaiting confirmation.

@PO

- Accept/reject Asset proposals
- Mail > Answer all
- The presence of the PO is required at the end of the sprint (Sprint Review).

The **risk assessment** allowed us to see a **danger** as regards the progress of the project, to be seen in the summary of our session on the One Note.

The retrospective is available in the One Note on the page "[Sprint Planning 03.11.2018](#)".

Schedule [planification](#) is available in One Drive.

The PB is available in the [nouvelle version](#) and has been updated.

As far as the US and progress during the sprint are concerned, please refer to the Dashboard in Trello:

<https://trello.com/b/rwBeTVIb/unityproject>

Feel free to contact us if you have any questions.

A good weekend.

Daniel

