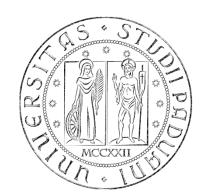
## UNIVERSITY OF PADOVA DEPARTMENT OF INFORMATION ENGINEERING

# Biomedical Wearable Technologies for Healthcare and Wellbeing

# Project Discussion Guidelines

A.Y. 2021-2022

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### Outline

- **>** Rationale
- > Discussion structure
- > Suggestions

#### Rationale

- ➤ This document is a brief guide that contains some **hints** on what to cover during your project discussion. As such, consider this document as a guide rather than something to "fill" with words and images.
- ➤ You are free to use this PowerPoint template (style, colors, etc...) for preparing the presentation. Of course, you are also free to use your own template if you prefer.
- ➤ The skeleton proposed here is just a simple guideline. Feel free to change it according to your needs.

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#### Discussion structure – General info

- ➤ You have **30 minutes max** to present your project followed by ~15 min of Q&A. Discussions of more than 30 minutes will be penalized.
- ➤ The presentation must include a PowerPoint presentation followed by a live demonstration of your app working. Both the presentation and the demo must fit the 30 minutes.
- ➤ The discussion has to be in English.
- ➤ The Q&A session will be in English.

### Discussion structure – (Possible) skeleton

- ➤ A possible skeleton for your discussion can be:
  - **Background** What's the "story" behind your app? Is it for healthy people? Is it targeting any disease? ...
  - **Problem to be solved/Feature to be provided to the public** What's the target user/use case? What kind of problem your app is trying to solve? What's missing in the current market (if some)? ...
  - **Your solution** High overview of your app (name, catchy motto, ...). What do you want to enable with your app? ...
  - Core app functionalities
    - Screen map of your app
    - User authentication and management How do you do it? ...
    - **Data collection** *How do you do it?* ...
    - **Data persistence** How do you manage data in your app (DB schema can be used here)? What's the data flow inside your app? ...
    - **Data visualization and presentation** *How do you visualize user data in your app?* ...
  - **Original part** What's the original part of your app? Have you implemented literature stuff? If yes, briefly describe it. ...
  - **Project management flavours** How did you work as a group? ...
  - **Special implementation decisions** Did you make implementative decisions that worth some space in the project discussion? ...
  - Closing remarks and future developments Sum up you discussion briefly. What are the possible evolution of your app in the future? ...
  - **Live demo** Show (via emulator or physical device) your app working.

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## Discussion suggestions

- > Try to motivate every choice.
- ➤ Consider to split the discussion among the group participants to demonstrate that you worked as a group.
- ➤ Consider to allocate around 20 minutes for the PowerPoint presentation and 10 minutes for the live demo.
- ➤ Prepare the live demo. You only have 10 minutes so you must know what to "tap", to show, to do ,....
- ➤ Be sure that your app is working when you run the demo.