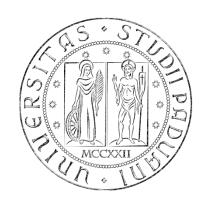UNIVERSITY OF PADOVA
DEPARTMENT OF INFORMATION ENGINEERING

Biomedical Wearable Technologies
for Healthcare and Wellbeing

Project Discussion Guidelines

A.Y. 2022-2023

Giacomo Cappon

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 **25 minutes max** to present your project followed by ~20 min of Q&A. Discussions of more than 25 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 25 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 15 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.