

## Software Engineering Department

### Advisory Board - Meeting minutes:

Date: 8 – April – 2021, Time: 11:00 AM – 12:00 PM

Meeting chair: Dr. Omar Miqdadi

Attendees (Advisory Board Members):

1. Ahmad Jaradat
2. Hasan Dibas
3. Software engineering department faculty members

The meeting started by discussing the following:

- 1) The meeting started by providing a briefing on the last IAB meeting and the department's reaction to the previous recommendations.
- 2) The faculty members gave a brief overview of their implemented improvements within the course they teach to address the IAB recommendations.
- 3) The IAB members emphasized the importance of teaching solid object-oriented concepts before teaching the latest technologies and tools.
- 4) Furthermore, the IAB members focus on improving the students' communication, presentation, and time management skills.
- 5) The IAB members suggested promoting available vacancies and career paths of software engineers. The student should decide early on a track or a career path and start focusing on acquiring related skills.
- 6) The IAB suggested organizing training sessions inside JUST. Students should be introduced to real-world case studies during these sessions, and they should be asked to develop solutions using adequate technologies. Common non-functional aspects of the software, such as scalability and performance, should be addressed during these sessions.
- 7) The IAB recommended an increased focus on front-end development due to the shortage of skilled front-end developers in Jordan and the high demand for these skills. Although front-end technologies change very fast, the IAB suggested focusing on acquiring solid knowledge of CSS's basic concepts and dedicating space to teach advanced topics such as React and Angular JS.
- 8) The IAB recommended introducing students to cloud services (E.g., Chabot services) provided by Google, Amazon, and Microsoft.
- 9) The IAB emphasized the importance of familiarizing students with recent security issues, such as attack types on web applications, and how to address them.