Faculty of Mechanical and Electrical Engineering

Career: Intelligent computer engineering

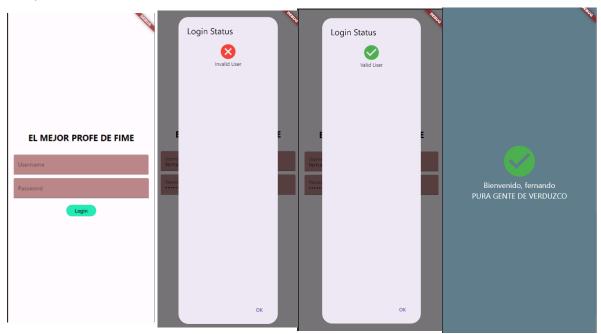**Grade/Group: 7B**

Deadline: 19/11/2023

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S13-P2-AC-01 Counter Flutter App

Teacher: VERDUZCO RAMIREZ JESUS ALBERTO

Teacher, I made the code as follows. Create a login interface where the user will enter their data, add the user's data in the code part, so it is not necessary to register, just enter your data, if you enter the data incorrectly a message will appear invalid user message, if valid it will let you log in, and you would be a valid user.

Conclusion

In conclusion, the code refinement undertaken aimed to enhance the visual appeal, functionality, and user experience of a Flutter application. The primary focus was on the login page, subsequently transitioning to a welcome page upon successful authentication. The project embraced principles of clean design, professional aesthetics, and user-friendly interactions. The initial improvements included renaming the application to "EL MEJOR PROFE DE FIME" and adjusting the text style for a more attractive and professional appearance. A conscious effort was made to enhance the visual elements, ensuring a cohesive and appealing color scheme throughout the interface. Special attention was given to the login button, featuring a more visually pleasing design and color palette to elevate the overall user experience. To further enhance the user journey, a welcome page was introduced with a personalized greeting for the authenticated user. The welcome page maintained the refined design principles, incorporating an iconic checkmark and a message that conveyed a warm welcome along with the distinctive identity of "PURA GENTE DE VERDUZCO." Moreover, steps were taken to address image detection issues by verifying the correctness of file paths and ensuring that the images were placed in the appropriate directory. This ensures that the background images are displayed seamlessly, contributing to the overall aesthetic appeal of both the login and welcome pages. The collaborative process of refining the code not only resulted in an improved visual presentation but also incorporated user-friendly elements, such as the animated login status dialog. This subtle animation adds a touch of dynamism to the user interface, enhancing the overall engagement and responsiveness of the application. The code modifications successfully transformed the initial Flutter application into a more polished and professional product. By

implementing design best practices, resolving image path issues, and introducing subtle animations, the application now offers an enhanced user experience with improved visual appeal and functionality.