

# DEVELOPER CHALLENGE(M/W/D)

# INTRODUCTION

Dear applicant,

Thank you for your interest in **Deefinity**!

On the following slides you will find the challenge you should work on. The goal is to see how structured you are working, and to see how good your problem-solving skills are.

Please send the challenge results back to us by e-mail within 5 calendar days and indicate 2 timeslots for the next days, where we can discuss the results. This appointment should last for 30 minutes.

If you have any questions, feel free to contact us.

We are looking forward to our next meeting!

Best regards,  
Your Deefinity Team

# CHALLENGE: SITUATION

## DESCRIPTION:

- In two weeks, Lisa from Deefinity's marketing team will organize outdoor events in two different locations, Jakarta and Berlin. The weather condition is the most important factor for choosing the right event location and equipment. Currently she needs to take a look at the weather app every day to check the weather forecast.
  - The marketing office is located in the German headquarters of Deefinity.

# CHALLENGE: USER STORY

**User story:** Weather forecast Berlin & Jakarta (14 days)

As a user, I want to receive a weather forecast for the next 14 days on request..

...so that,..

I do not have to check a weather app regularly for two different cities.

Acceptance criteria

- The user will receive an email about the weather forecast for the next two weeks on request
- The forecast will show the weather for Jakarta and Berlin

# CHALLENGE: TASKS

- Build a working prototype according to the user story ('Weather forecast Berlin & Jakarta (14 days)').
  - Utilize any tool(s) or software at your disposal
- Prepare a short presentation of the challenge result (prototype) in a professional manner by creating maximum 3 slides
  - Design your slides in a way that you would present them to a real customer
  - Give some explanations and a short description which tools/programming language you have chosen and why.
- Prepare an additional slide on the estimation of effort and time planning by creating a simple timeline / project plan as if it would be a real project for a customer (end-to-end process)

# WE LOOK FORWARD TO HAVING YOU ON BOARD WITH OUR **JOURNEY** IN THE FUTURE

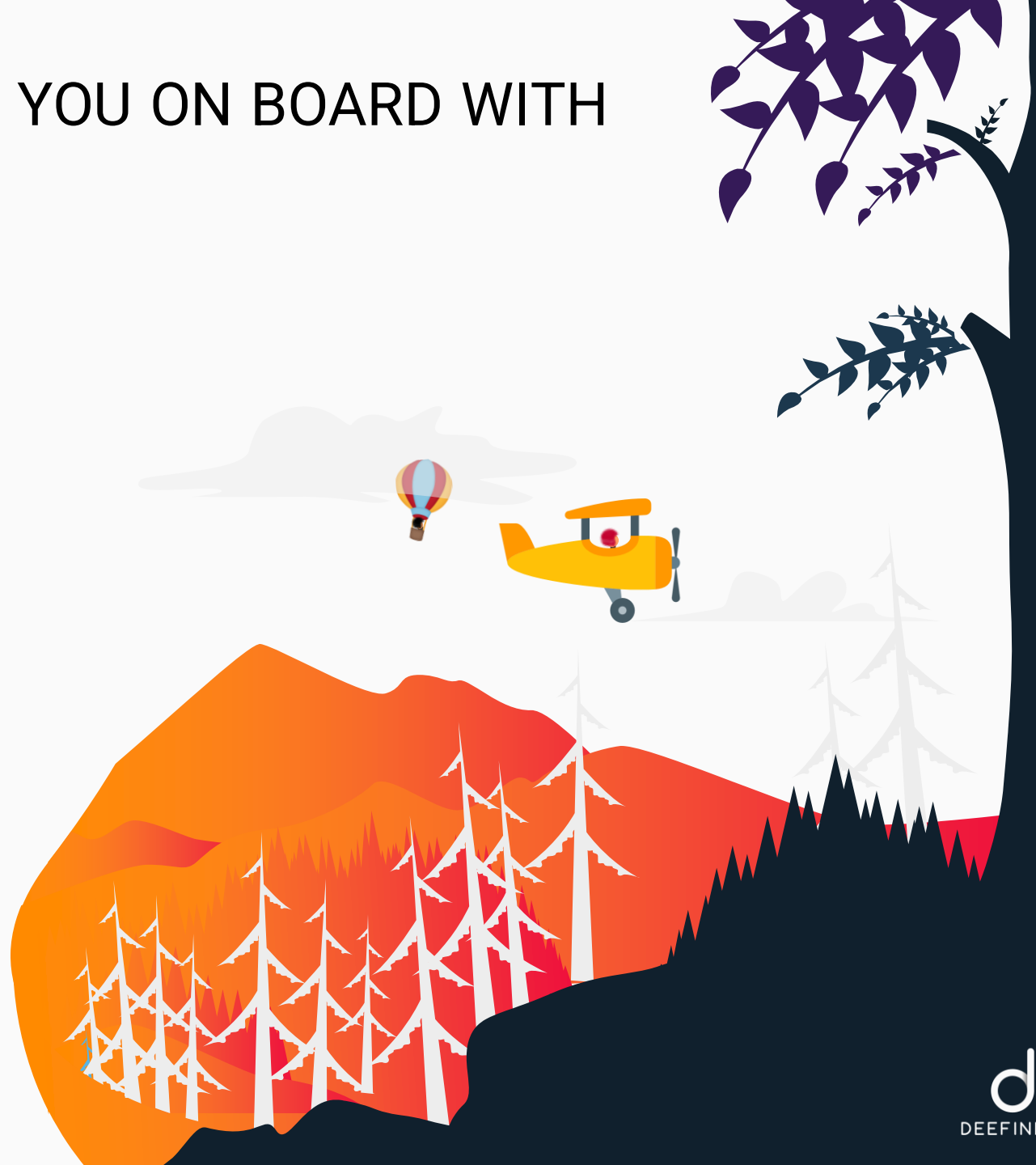
YOUR CONTACT PERSON  
FOR QUESTIONS



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