



# V.I.P. GAME

JAVA\_34\_01

2023.02.03

# V.I.P. GAME IDEA

- This game is based on Latvian TV game V.I.P. (Veiksme. Intuīcija. Prāts.). Our game's theme is Latvia and Lithuania.
- Here two teams answer 3 questions each. Questions have varying number of hints available. Incorrect answers and hints cost points. Team with most points left at the end wins.
- Idea to program this game came to Rita, who watches this show with her family. We have already done one quiz in class, so it was easier to imagine how the code could look like.



# TEAM MEMBERS

## Rita

- Author of the idea;
- Self declared member of the best team.
- Java;
- SQL.

## Nadežda

- Main SQL programmer.
- Database structure overview;
- Java;
- SQL.

## Elina

- GitHub repo creator.
- Process flow overview;
- Java;
- ReadMe file.

## Lina

- Main Java programmer.
- Java;
- Presentation slides;
- Demo.

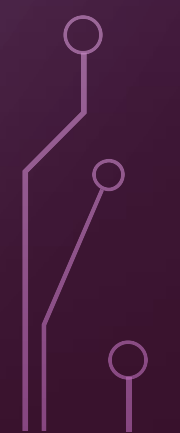


## CHALLENGING

- Stress;
- Recalling everything we have learned;
- Understanding how code structure should look like, what methods are needed;
- Bugs;
- GitHub;
- Task division.



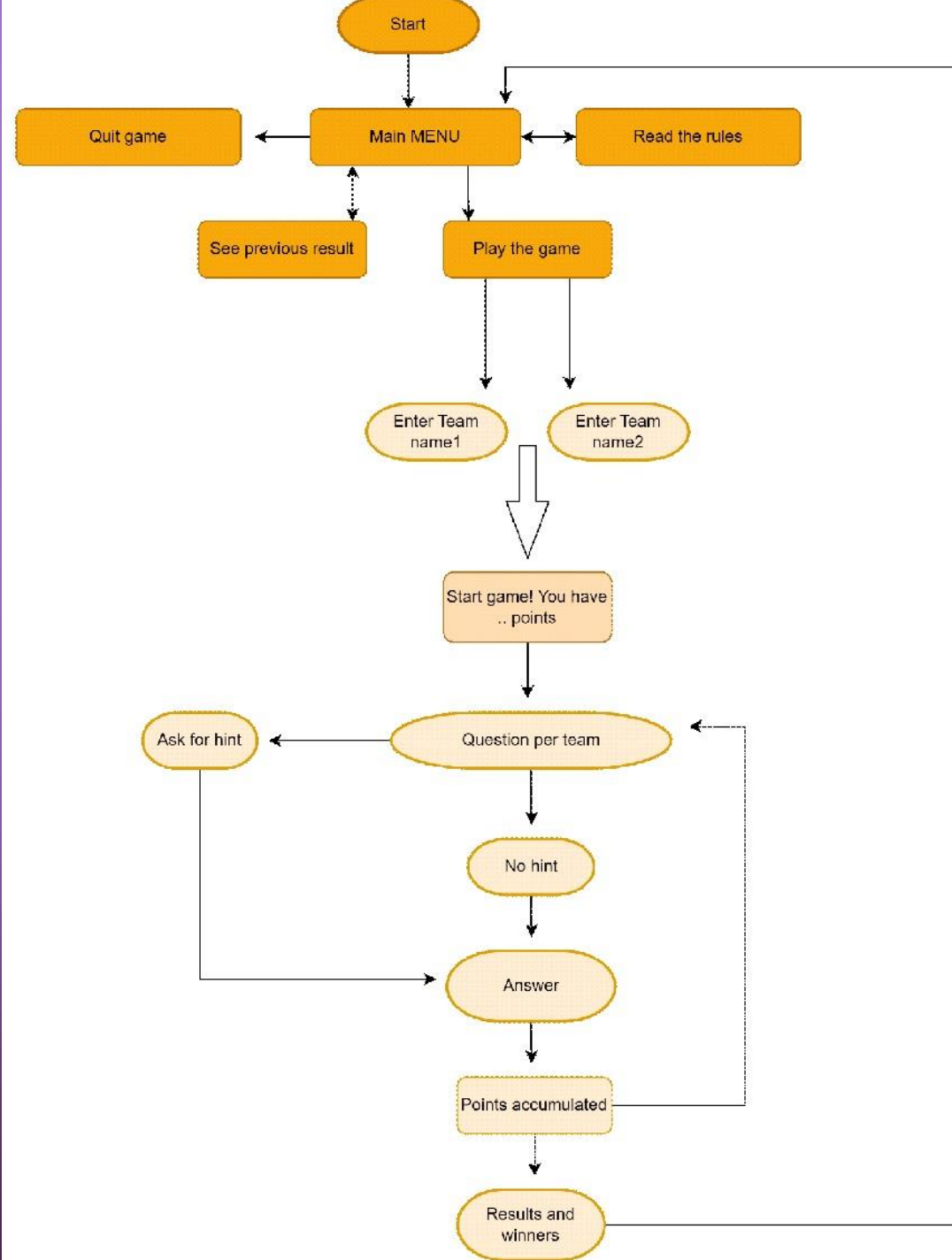
## FUN

- Team meetings and brainstorming;
  - Lip-reading of team members that are on mute;
  - Non-verbal communication due to language barrier;
  - The feeling when code doesn't show any errors.
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# WHAT HAVE WE LEARNED

- GitHub basics;
- How to build a game;
- How to co-work on a code;
- Connecting DB to IntelliJ;
- Interacting with DB;
- Deepened our knowledge in IntelliJ;
- Not to be too ambitious with the project;
- Upper/lowercase matters;
- To be able to do hard work, you need a good rest;

# PROCESS FLOW OVERVIEW



# DATABASE STRUCTURE OVERVIEW

We used two tables:

- Table “team”, which stores team ID, team name, team member’s names and their score at the end of the game. This table is used when player asks to see previous results.
- Table “questions”, which stores question ID, 18 questions, hints and correct answers.

team	questions
<u>teamID int NOT NULL AUTO INCREMENT</u>	<u>questionID int NOT NULL AUTO INCREMENT</u>
teamName varchar NOT NULL	<u>question varchar NOT NULL</u>
teamMembers varchar NOT NULL	hint1 varchar
Score int NOT NULL	hint2 varchar
	answer varchar NOT NULL,



## ADDITIONAL FEATURES THAT WE WOULD ADD TO OUR CODE IF WE HAD MORE TIME (AND SKILL)

- Validation of team member's names;
- Limit time to answer the question;
- Automatically add date and time to DB, when registering the team and score;
- Insert your own questions, hints, answers;
- Choose which question was hardest/easiest;
- Show statistics of played games;



# TIME TO PLAY THE GAME!



*Main: src → main.java*

*Database: SQL\_dataBase.txt*