

Ten traditional demands

1. The program shall be runnable

Pre-Condition

- Access to an Android-device
- The program is installed
- Press the icon to execute

Exception

Code is not executable

Program would not run

2. The program shall follow the real chess rules.

Pre-Condition

- Press a piece to select it
- Press on another position you want to move the piece you have selected to

Exception

Select a piece when it is not your turn

Nothing will happen, since it is the opponent's turn

Select an empty position or opponents piece

Nothing, will happen, since you only can move your own pieces

Select one of your own pieces that can not move...

The piece will be selected, but will not be able to go anywhere

...and press on an position

Piece will be deselected and nothing happens

Select one of your movable pieces and press on a position it can not go to according to rules

Piece will be deselected and nothing happens

Select one of your movable pieces while chessed and move to a position that is not preventing you from being chessed

Piece will be deselected and nothing happens

3. There shall be a graphic representation of the model.

Pre-Condition

- Start the program
- Start a new game

Exception

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4. Users shall be able to play against each other.

Pre-Condition

- Start the program
- Start a new game
- Has internet connection

Exception

Internet connection dies

Will display a message about problem with network

The server is not working

Will display a message about server problems.

5. All components that looks like buttons shall be clickable.

Pre-Condition

- Be on a view where there are components that looks like buttons

Exception

The button isn't a button.

Nothing will happen.

6. It shall be able to play multiple games at once.

Pre-Condition

- Must have at least one started game

Exception

There are only two users registered

Can not play multiple games, since we have designed it so you only can play one game at a time with same opponent

You are the last one to play the game

Make more people play it.

7. All critical data shall be stored in the database instead of the phone.

Pre-Condition

- Has internet connection
- Server on the line

Exception

Internet connection dies

Will display a message about problem with network and you may have to retry the action

Database/Server is down

Will display a message about server issues and you have to retry later.

8. There shall be statistics about the user

Pre-Condition

- Has registered
- Has internet connection
- Server online

Exception

Jag sätter 10 kronor på att Fredrik inte kommer läsa hit ner... Om du läser detta, säg rävsvars på handledningen för att casha ut dina pengar.

9. Passwords shall be encrypted before they're saved.

Pre-Condition

- A user is being registered

Exception

10. The user shall be able to see ongoing games.

Pre-Condition

- Has internet connection
- Has at least one started game

Exception

No connection to server

A message will appear telling the user that there is no connection.