

Basketball Bot

Created by Kai Chieh Hsu (Jerry)

Introduction

- * Talking about basketball as a friend.
- * No A+ option.

How it works

- * Store questions and answers in arraylist.
- * It will reply differently according to the answer that the user is given.
- * Users are allow to ask questions at the end.

Example

- * agent: Hi, my name is Agent. And what is your name?
- * user: jerry
- * agent: Who do you think will be the MVP?
- * user: i think kobe is going to win
- * agent: I agree too
- * Who do you think will win the defensive player?
- * user: i think howard
- * agent: I agree too
- * Who do you think will win the championship?
- * user: i think ubco heat is going to win
- * agent: I don't think so. i think Lackers is going to win.
- * Who is your favorite player?
- * user: i love kobe
- * agent: I agree too
- * What is your favorite team?
- * user: i like lackers
- * agent: I agree too
- * Do you know how many teams there are?
- * user: i think there are 30 teams
- * agent: I agree too
- * Who do you think is the most popular player last year?
- * user: i am
- * agent: I don't think so. i think Jeremy lin is the most famous player last year.

Example

- * agent: Hi, my name is Agent. And what is your name?
- * user: jerry
- * agent: Who do you think will be the MVP?
- * user: f*** you, you s***
- * agent: hey, be nice

Example

- * agent: Hi, my name is Agent. And what is your name?
- * user: jerry
- * agent: Who do you think will be the MVP?
- * user: f***
- * agent: hey, be nice
- * user: f*** you
- * agent: hey, be nice
- * user: are you stupid
- * agent: hey, be nice
- * user: f***
- * agent: hey, be nice
- * user: s***
- * agent: you know what? i have not thing to say to you!!!!

Example

- * agent: Hi, my name is Agent. And what is your name?
- * user: jerry
- * agent: Who do you think will be the MVP?
- * user: me
- * agent: I don't think so. i think Kobe Bryant is going to win.
- * Who do you think will win the defensive player?
- * user: me
- * agent: no way. i think Dweight howard is going to win.
- * Who do you think will win the championship?
- * user: me
- * agent: I don't think so i think Lackers is going to win.
- * Who is your favorite player?
- * user: me
- * agent: no way. Kobe Bryant is my fovourite player.
- * What is your favorite team?
- * user: me
- * agent: you know what? i have not thing to say to you!!!!

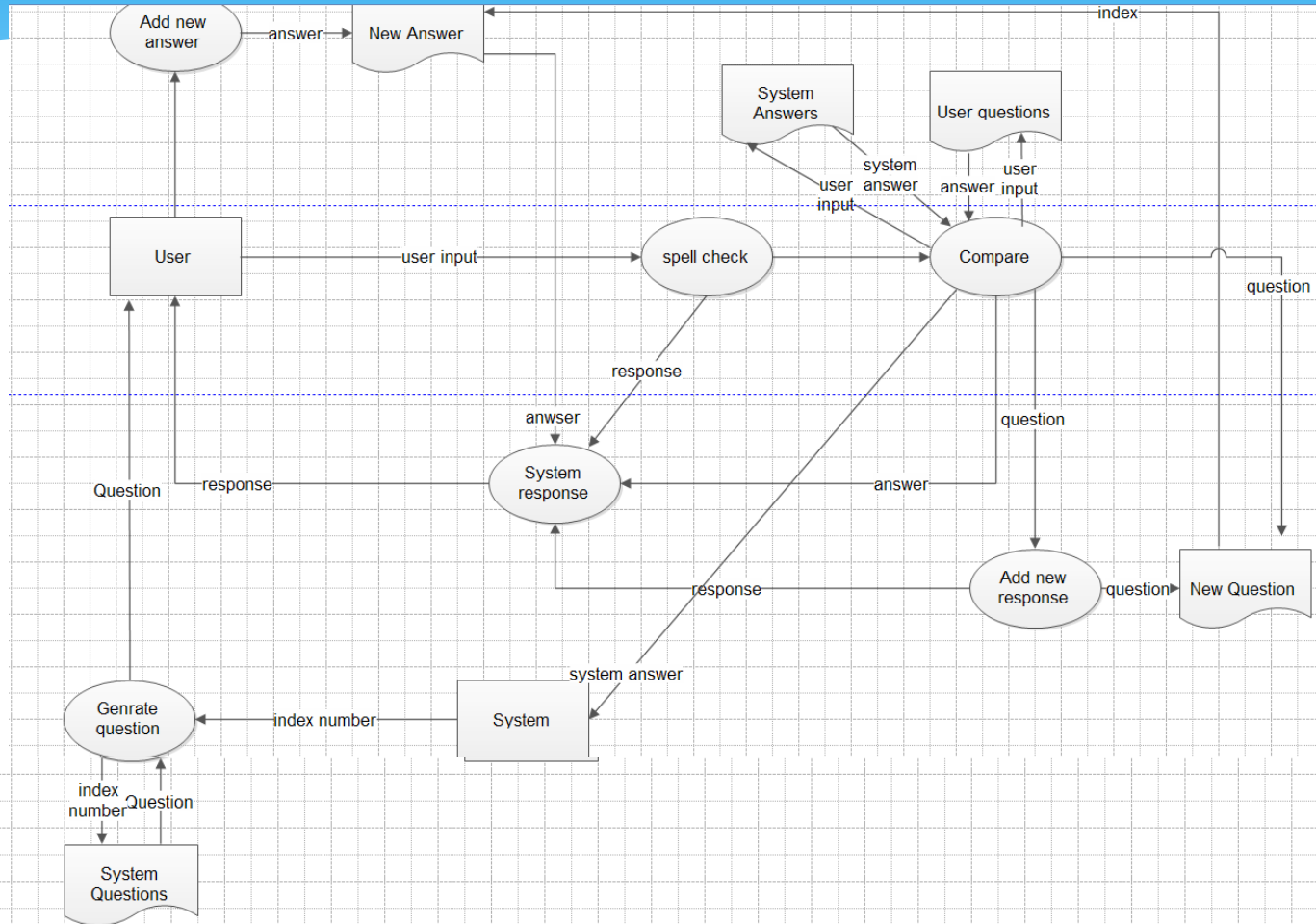
Example

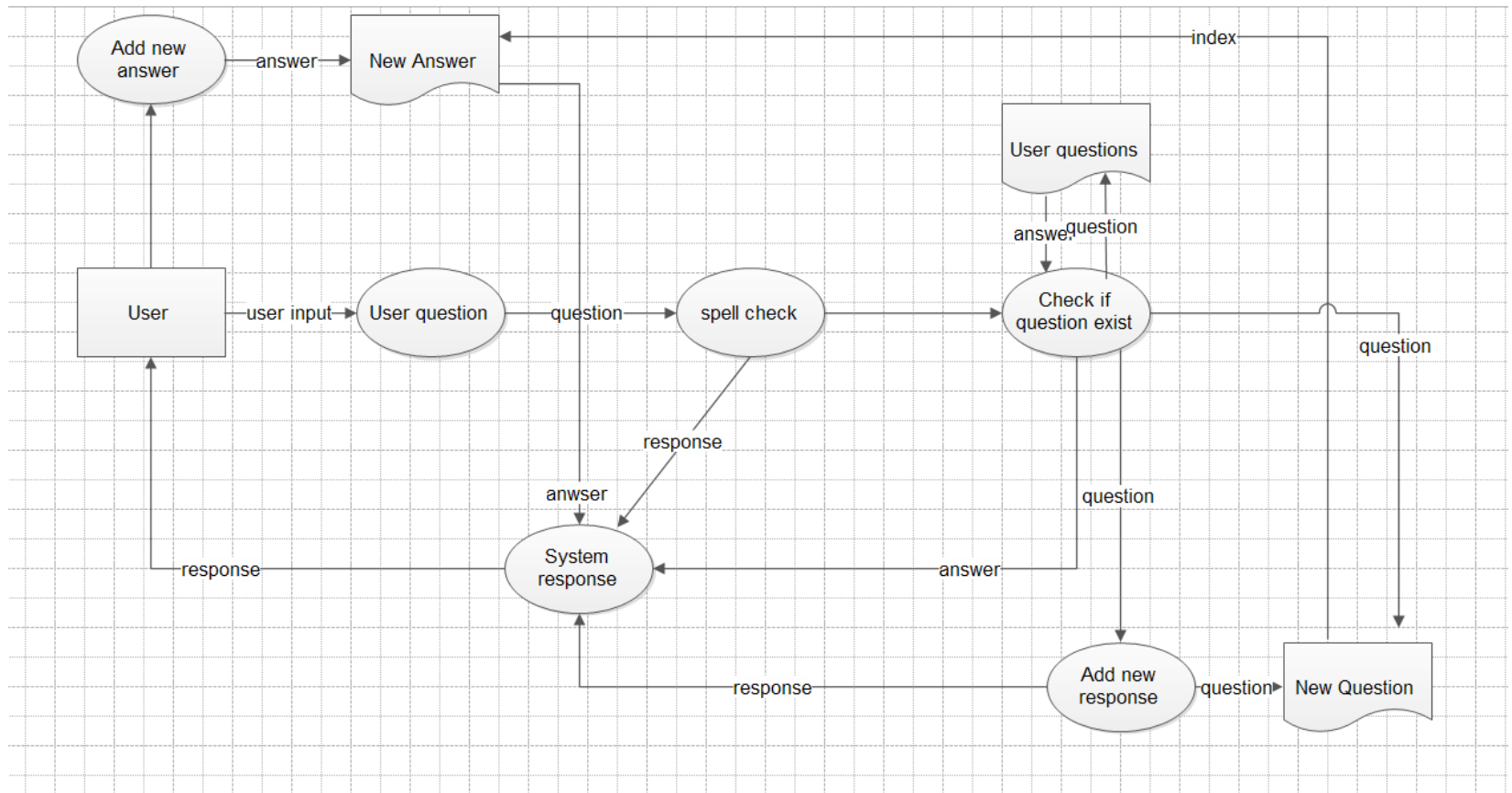
- * agent: Who do you think will win the defensive player?
- * user: howard win this year maybe don't know I.
- * agent: What are you talking about?

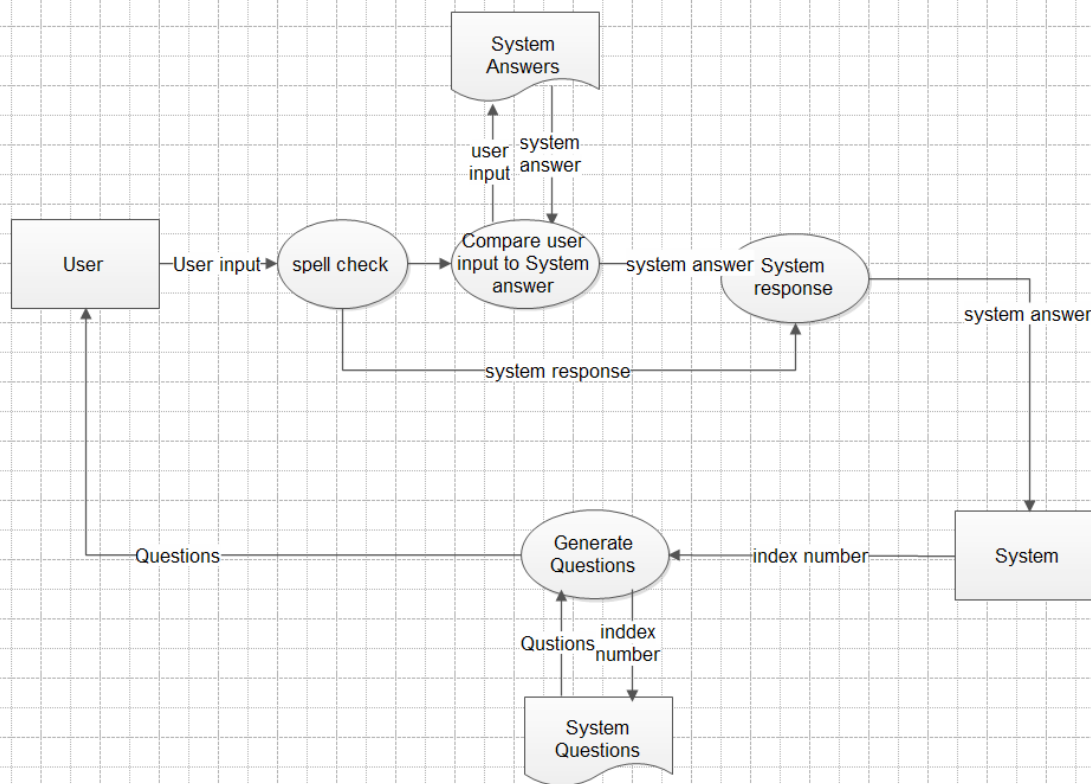
Levenshtein distance

- * For spelling mistake and grammatical mistake I use Levenshtein distance algorithm.
- * It return the number of errors in the sentence.
- * String “abc” compare to string “abd” will return 1.
- * I set it to 20.

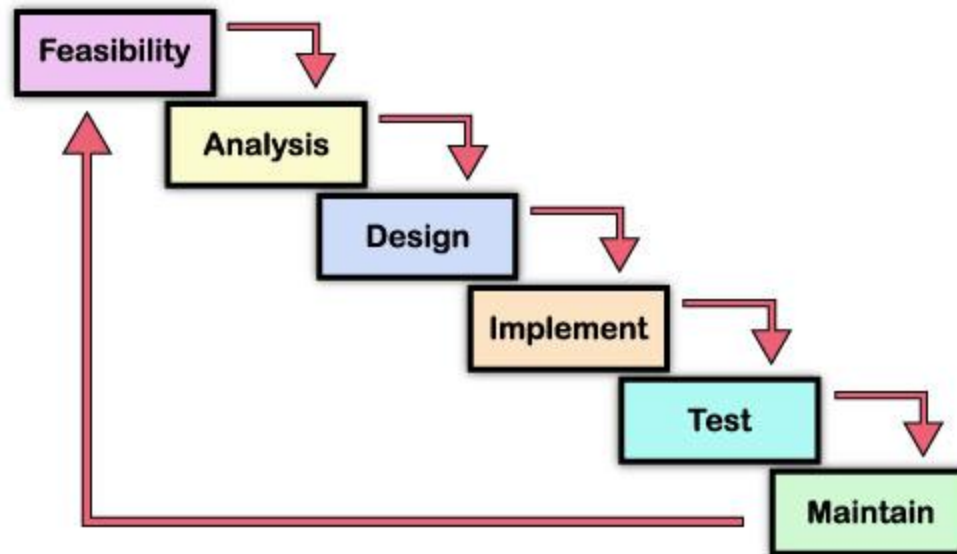
DFD







SDLC



Challenges and rewards

- * Challenges:
 - * Waterfall model
 - * Try not to include personal opinion.
 - * No constrain on user question phase.
- * Rewards:
 - * To see my program getting smarter each day.
 - * Good experience.



Question?