More Sophisticated Behaviour

Technical Support System V3.0

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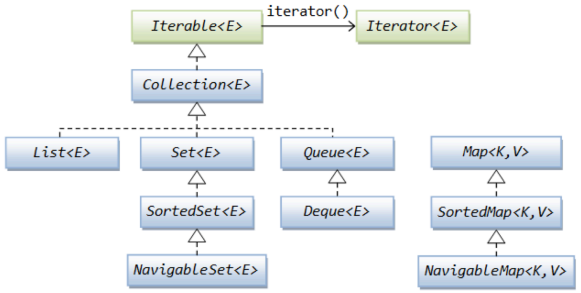
Java Collections Framework:



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Summary 1

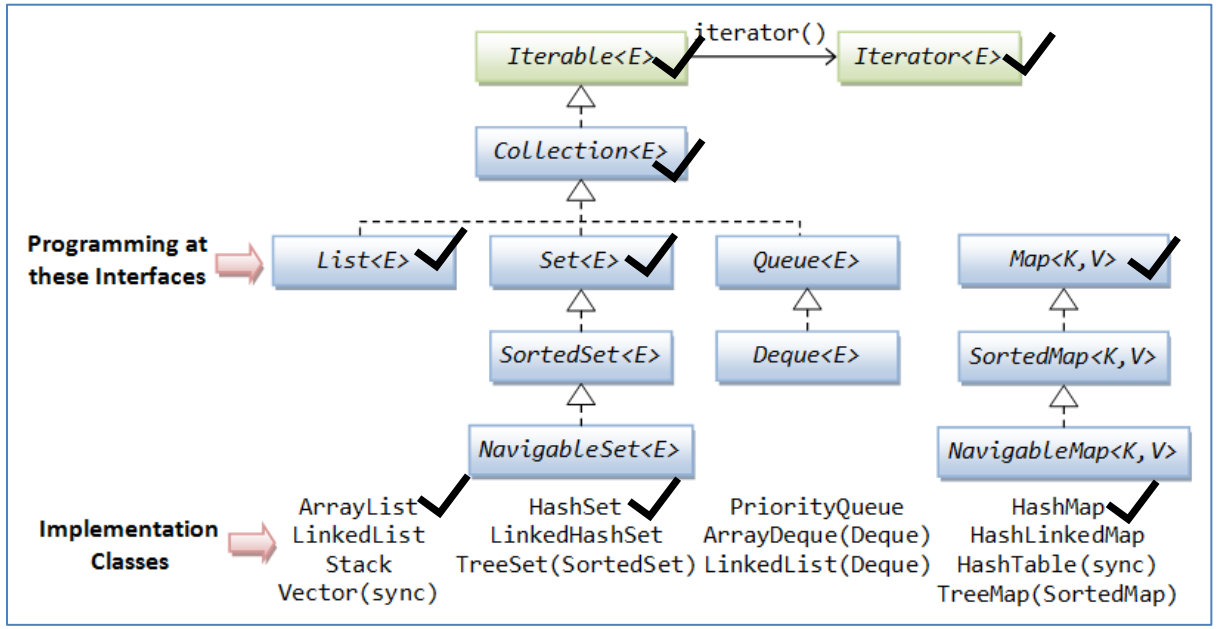
- 3 iterations of a Tech Support system
- V1 same response
- V2 random response
  - import java.util.**Random**;
  - Random randomGenerator
    = new Random();
  - int i = randomGenerator.**nextInt(100);**

- V3 context sensitive response
  - Created a **HashMap** of (keyword,response) **.put()**
  - User input
    - Read in a sentence as a string
    - Split it up into an array of words **.split()**
    - Stored each unique word in a **HashSet**
      .add`(word)`
  - Looked up each word from the HashSet in the HashMap
    .get`(word)`

Summary 2

- Navigating Collections is done with **Iterators**
  - Iterator<String> it = words.iterator(); // initialise an iterator called it
  - while (it.**hasNext()**) {
    String word = it.**next()**;
    }

- Java Collection Framework
  - Checked
    - Covered in class
  - unchecked classes
    - Explore yourself



GAME OVER

KEEP
CALM
BECAUSE
NOW IT'S
YOUR TURN