

## Data Structure Design

```
Response {  
    String responseText  
    Int votes  
}
```

```
SocketMessage {  
    String[] users  
    Response[] possibleFailures  
    Response[] possibleSolutions  
    Int timer  
    String planName  
    Date date  
}
```

Each user has their own answers stored locally in something like an array. When it gets to step 3, when a user clicks “share” on an answer, that answer is sent to the data structure and appended to the end of an array, and other information is updated appropriately (based on vote and whatnot). This data structure is sent between steps and updated along the way.