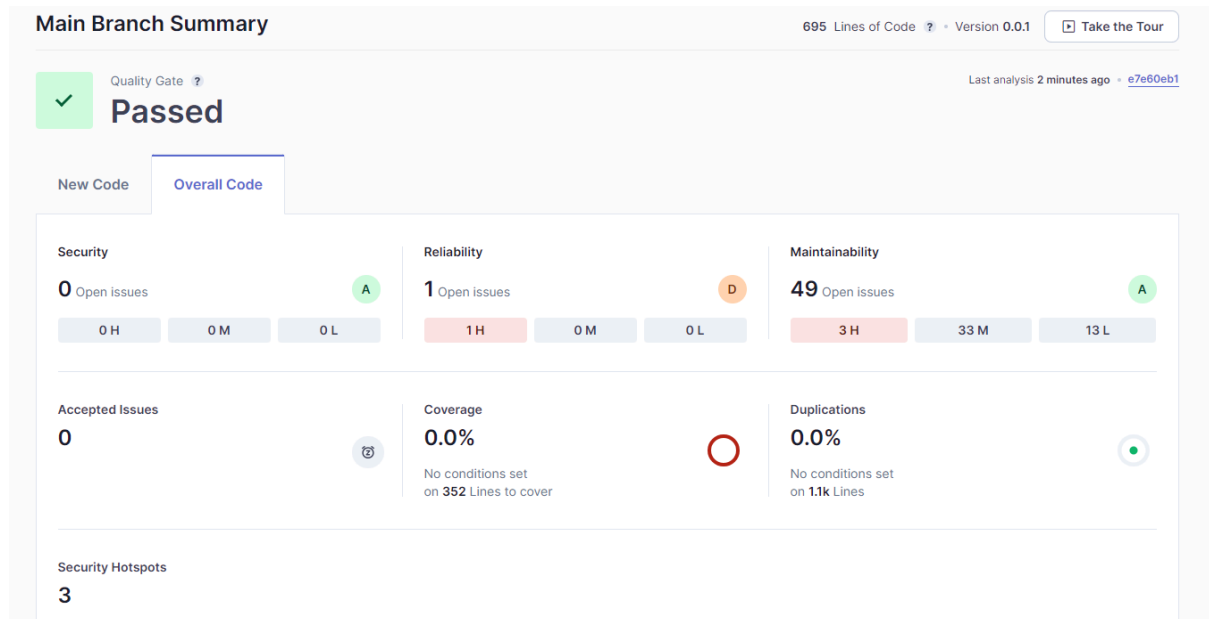


INTEGRACIÓN CONTINUA

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Informe Sonnar Cloud



Bugs

En este caso solo hay 3 Bugs

1. Bug en createQuestion(Major):



✖ Add "lang" and/or "xml:lang" attributes to this "<html>" element

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core">
```

Se arregla añadiendo lang="es"

```
<html lang="es" xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core">
```

2. Bug en queryQuestion(Major):



  Add "lang" and/or "xml:lang" attributes to this "<html>" element

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core">
```

Se arregla añadiendo lang="es"

```
<html lang="es" xmlns="http://www.w3.org/1999/xhtml"
      xmlns:h="http://xmlns.jcp.org/jsf/html"
      xmlns:f="http://xmlns.jcp.org/jsf/core">
```

3. Bug en hibernate.cfg.xml(Critical):

  Use "validate" or remove this property.



```
<property name="hibernate.hbm2ddl.auto">create</property>
```

Se arregla cambiando el contenido de "create" a "validate"

```
<property name="hibernate.hbm2ddl.auto">validate</property>
```

Code Smells

1. Code Smell(Minor) en BLFacadeImplementation:

  Remove this empty statement.

```
};
```

Se arregla borrando ";"

```
}
```

2.Code Smell(Minor) en HibernateDataAccess :

⊗ Remove this unused import 'javax.persistence.EntityManager'.

```
import javax.persistence.EntityManager;
```

Se arregla borrando el import

3.Code Smell(Major) en QueryBean:

⊗ Replace the synchronized class "Vector" by an unsynchronized one such as "ArrayList" or "LinkedList".

```
List<Event> allEvents = new Vector<Event>();
```

Se arregla inicializando bien la lista, con arrayList y no con vector

```
List<Event> allEvents = new ArrayList<Event>();
```

4.Code Smell(Major) en BLFacadeImplementation :

⊗ This block of commented-out lines of code should be removed.

```
//dbManager.open();
```

Se arregla borrando el comentario

5.Code Smell(Critical) en HibernateDataAccess :

⊗ Define a constant instead of duplicating this literal "Who will win the match?" 3 times. [+3 locations]

```
else if (Locale.getDefault().equals(new Locale("en"))) {  
    Duplication  
    q1=ev1.addQuestion(1 "Who will win the match?",1);  
    q2=ev1.addQuestion("Who will score first?",2);  
    Duplication  
    q3=ev11.addQuestion(2 "Who will win the match?",1);  
    q4=ev11.addQuestion("How many goals will be scored in the match?",2);  
    Duplication  
    q5=ev17.addQuestion(3 "Who will win the match?",1);  
    q6=ev17.addQuestion("Will there be goals in the first half?",2);  
}
```

Se crea una constante con el string "Who will win the match?" y se utiliza dicha constante para añadir las question

```
else if (Locale.getDefault().equals(new Locale("en"))) {  
    final String p = "Who will win the match?";  
    Duplication  
    q1=ev1.addQuestion(1 p,1);  
    q2=ev1.addQuestion("Who will score first?",2);  
    Duplication  
    q3=ev11.addQuestion(p,1);  
    q4=ev11.addQuestion("How many goals will be scored in the match?",2);  
    Duplication  
    q5=ev17.addQuestion(p,1);  
    q6=ev17.addQuestion("Will there be goals in the first half?",2);  
}
```

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