

**Group Members**

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**Section**

B

**Topic**

Smart Restaurant

**TSE ASSIGNMENT 1**

**A)**

1. The deprecated technology are java and XML in mobile development. We can use react native for mobile development and react js for web development and node for backend.
2. The potential issue which is missing in the document is splash Screen. There is no discussion on splash Screen neither its use nor its implementation is given.
3. No technical document is provided which can guide user how to use the application.

**B)**

**PMD Rules (class name:** **cancelorderprojectbox.java)**

* **ClassNameConvention:** The name of the class should be Class names should be nouns, in mixed case with the first letter of each internal word capitalized. Try to keep your class names simple and descriptive. Use whole words-avoid acronyms and abbreviations (unless the abbreviation is much more widely used than the long form, such as URL or HTML)

public final class CanceledOrderProjectBox\_ implements EntityInfo<CanceledOrderProjectBox\_>

* **AtLeastoneConstructor:** The class should have at least one constructor. No constructor is present in the code. The possible constructor can be
* public CancelOrderProjectBox()

{

}

}

* **VariableNamingConvention**: The first letter should be in lowercase and should not start with dollar or underscore. The internal word should start with uppercase.

public final static Property ***CategoryId***

**The AST is Present with the report of the code.**

**C)**

**Check Style Rules (class name:** **cancelorderprojectbox.java)**

* **Indentation**: The indentation of the variable was at level four which was Wrong according to standards. To convert the indentation to level 2 just remove all the space before the variable declaration and add just two spaces.
* static final CanceledOrderProjectBoxIdGetter ***\_\_ID\_GETTER*** = new CanceledOrderProjectBoxIdGetter();
* public final static Property ***Id*** = new Property(0, 1, long.class, "Id", true, "Id");
* public final static Property ***name*** = new Property(1, 2, String.class, "name");
* public final static Property ***CategoryId*** = new Property(2, 3, String.class, "category\_id");
* public final static Property ***item\_type*** = new Property(3, 4, String.class, "item\_type");
* public final static Property ***item\_price*** = new Property(4, 5, String.class, "item\_price");
* **static is out of order with jls suggestion**: The order of static and final in a variable declaration was in wrong order. The correct order is **static final.**

public final static Property ***\_\_ID\_PROPERTY*** = ***Id***;