Munch Fast: Your Ultimate Food Ordering App

Brought to you by Florence Keith and Cristian Racila

Feature Selection

Features we have or are close to having :

1. Multi-menu support (Breakfast, Lunch, Dinner).
2. Order tracking and status updates.
3. Internationalization.
4. Files saved to db.

Features we did not explore or get to :

- Advanced analytics or restaurant recommendations (time constraints).
- Extensive customization options for items .

Technology Choices

-We chose NetBeans IDE for an easy to use GUI designer.

-Singleton design pattern for few classes.

-SQLite to save our information to a database.

-Multiple mvc design patterns.

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Work Division

Whilst Florence took care of database connections and all needed methods to access the database information,

Cristian coded the gui forms and linked them together.

Challenges Faced

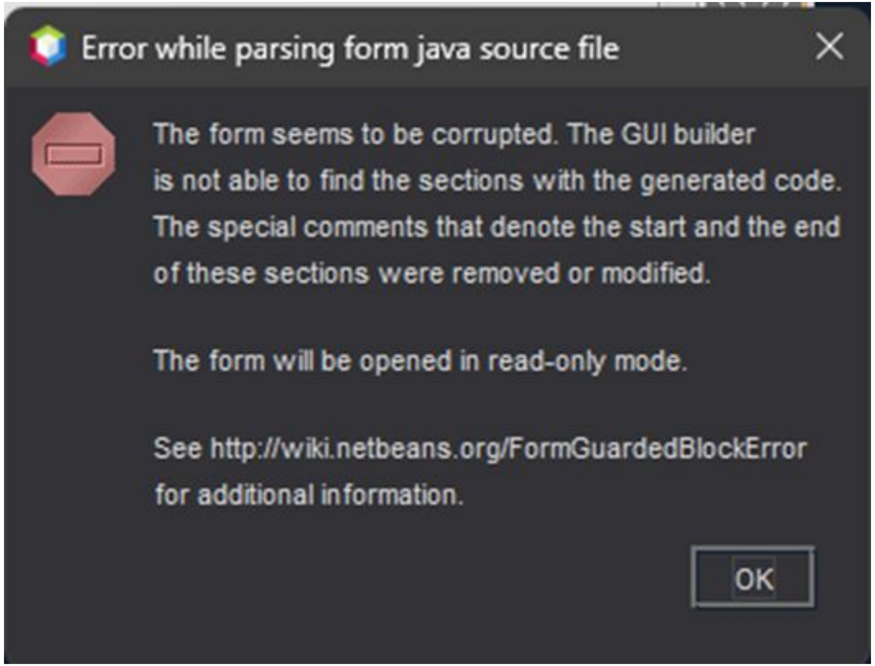
1. Synchronizing menu schedules with order logic.

2. Implementing Factory pattern for flexible menu creation.

3. Finding the most efficient way to use Internationalization throughout the applications.

Challenges Faced

Big Error that caused us to redo entire forms. First thought to be from switching IDE, but turns out it would happen regardless.



Error while parsing form java source file

The form seems to be corrupted. The GUI builder is not able to find the sections with the generated code. The special comments that denote the start and the end of these sections were removed or modified.

The form will be opened in read-only mode.

See http://wiki.netbeans.org/FormGuardedBlockError for additional information.

Unexpected Surprises

Using the Singleton pattern simplified global state management.

Basic menu item classes (e.g., Burger, Coffee) were quicker to implement than expected.

We had to drop our menu idea for the abstract menu factory pattern.

Regrets

We regret spending so much time complicating the idea of our project.

At first we were under the impression that we should handle all types of users without considering the impact this would have on the project.

Demo, Q&A

Thank you.

GitHub Link