

➤ **General guidances:**

- ✓ Student creates a folder to save all files in **D:**, with the folder name: **[Student code]_[Full name]** (Eg: student code is “**59ZZZZZ**”, student name is “**Mai Quốc Khánh**”, so create the folder named “**59ZZZZZ_MaiQuocKhanh**”).
- ✓ Package is **com.[full name].midtermtest** (Eg: **com.maiquockhanh.midtermtest**)
- ✓ Please save the files every 10 minutes to prevent data loss.
- ✓ Any questions, please contact lecturer.

➤ **Requirements:**

With the data in the folder named “AndroidTest_03042021”, student design an application with the user interface described as below.

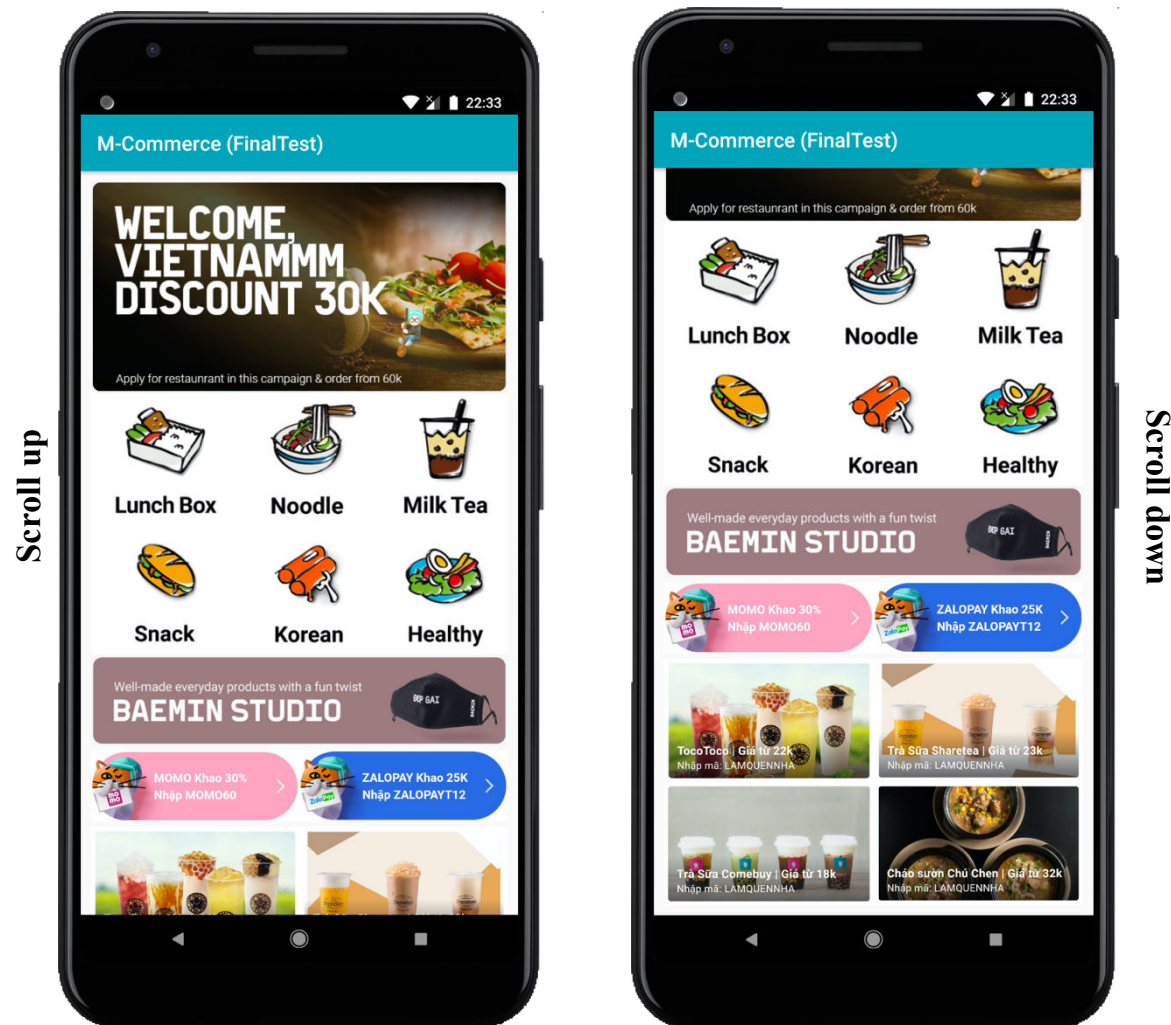


Figure 1: The main screen of the application

On the main screen, when user touches the item “Lunch Box” (similar behavior for the remaining items), the screen of restaurants is shown (figure 2). The restaurant location data are provided in the file “data.json”.

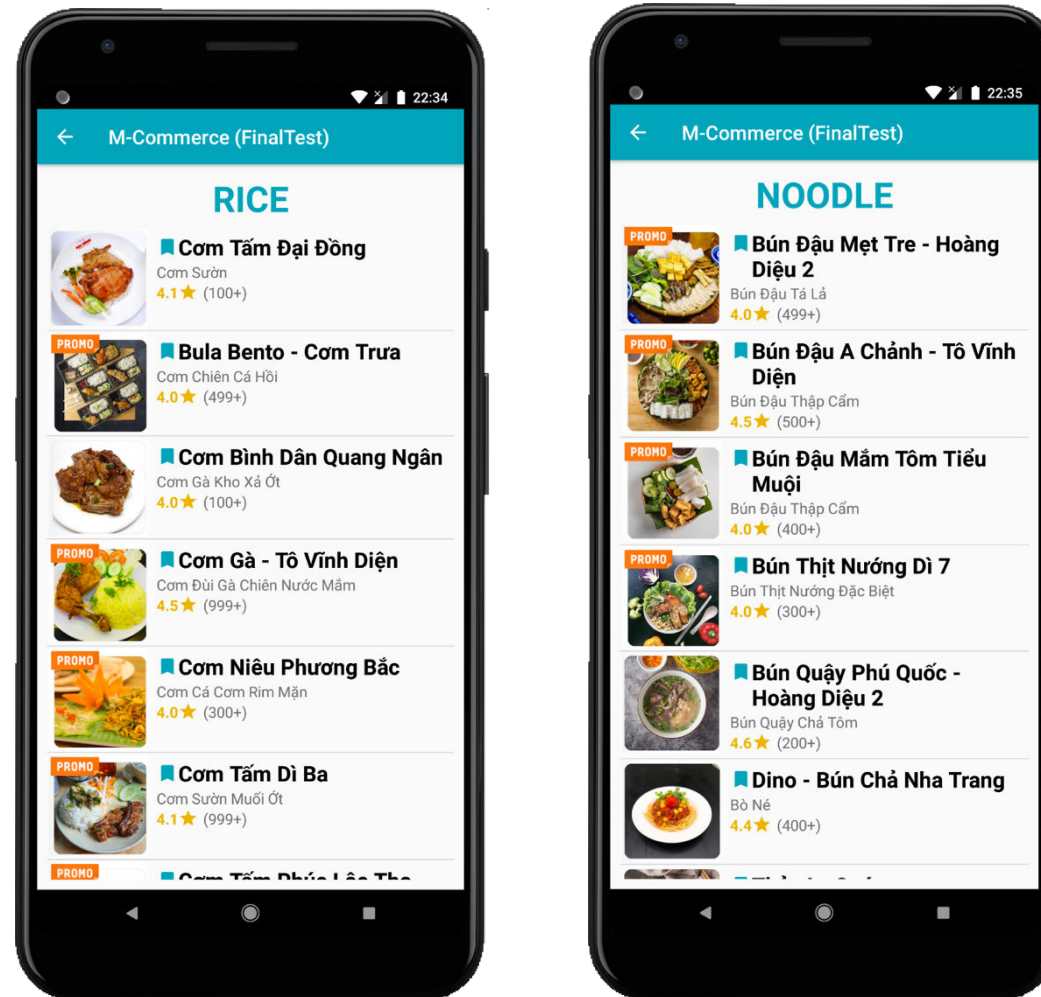


Figure 2: The screen of restaurants

On the list of restaurants, when user touches each item, the details dialog box is displayed (figure 3).

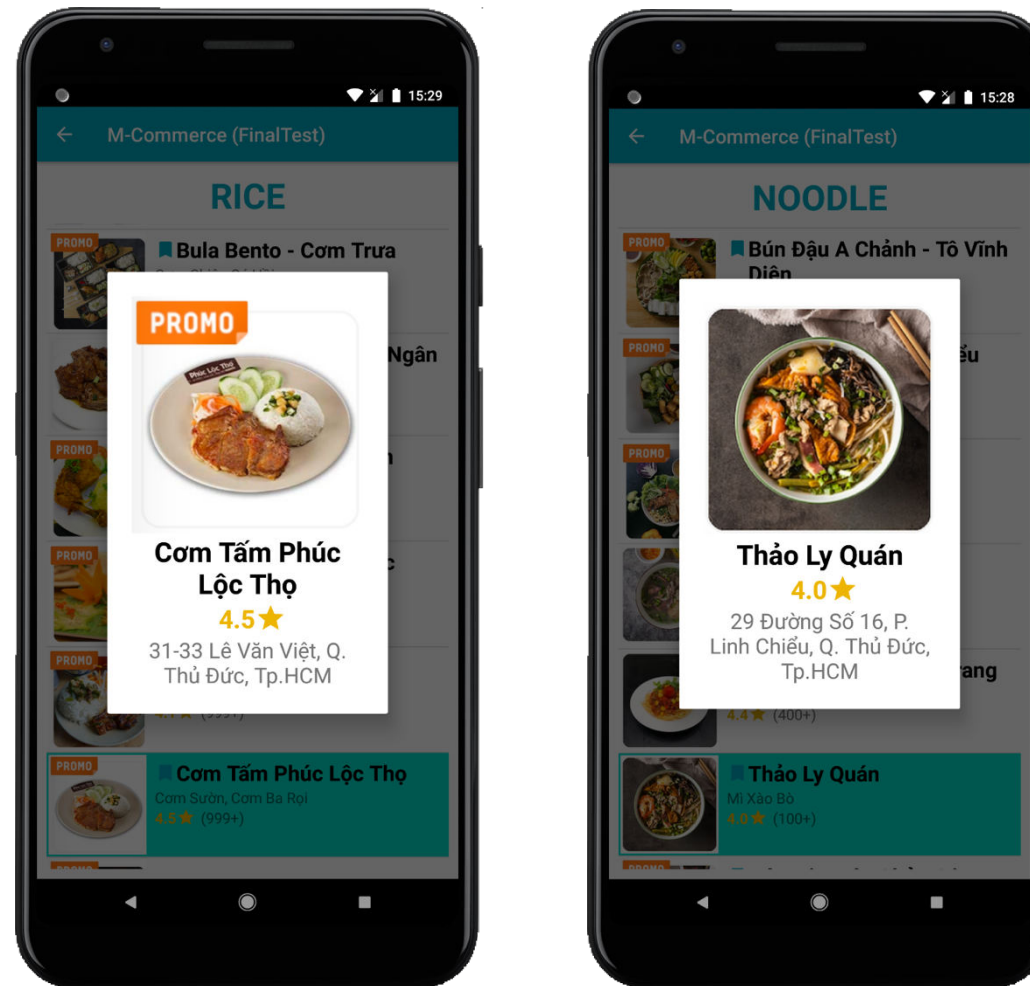


Figure 3: The details dialog box