

# IE418-UX Design for Mobile Applications



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# Laws of UX Design

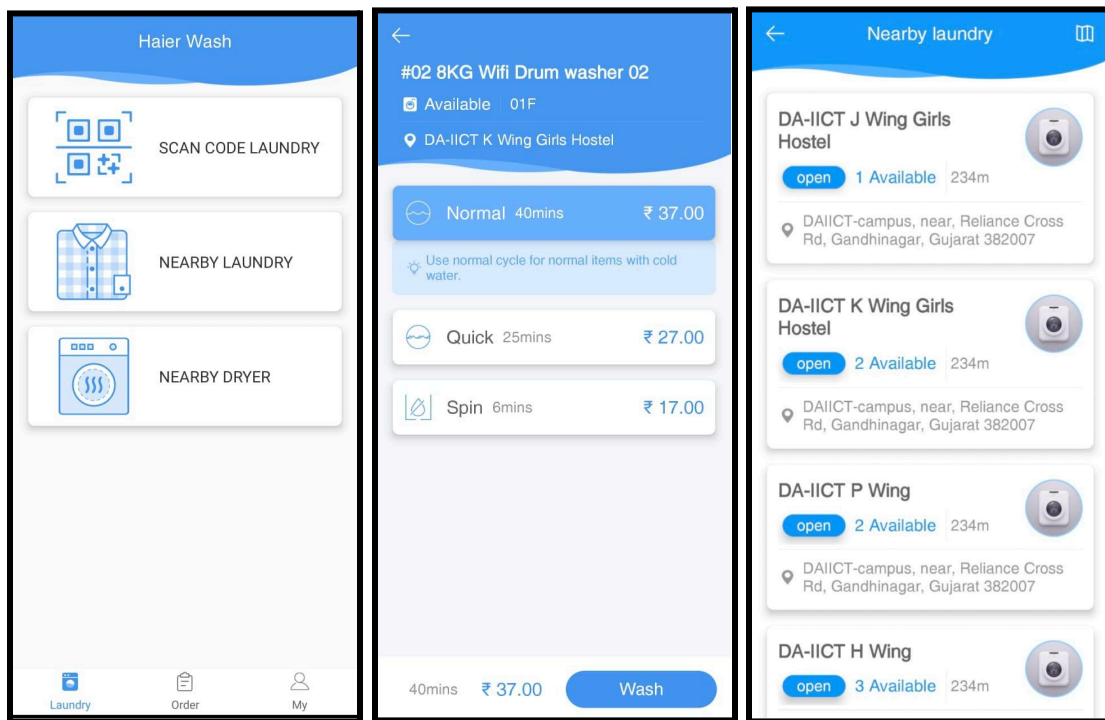


## Haier Wash - Application

This app lets you book and use washing machines easily, ensuring proper online payments and good convenience.

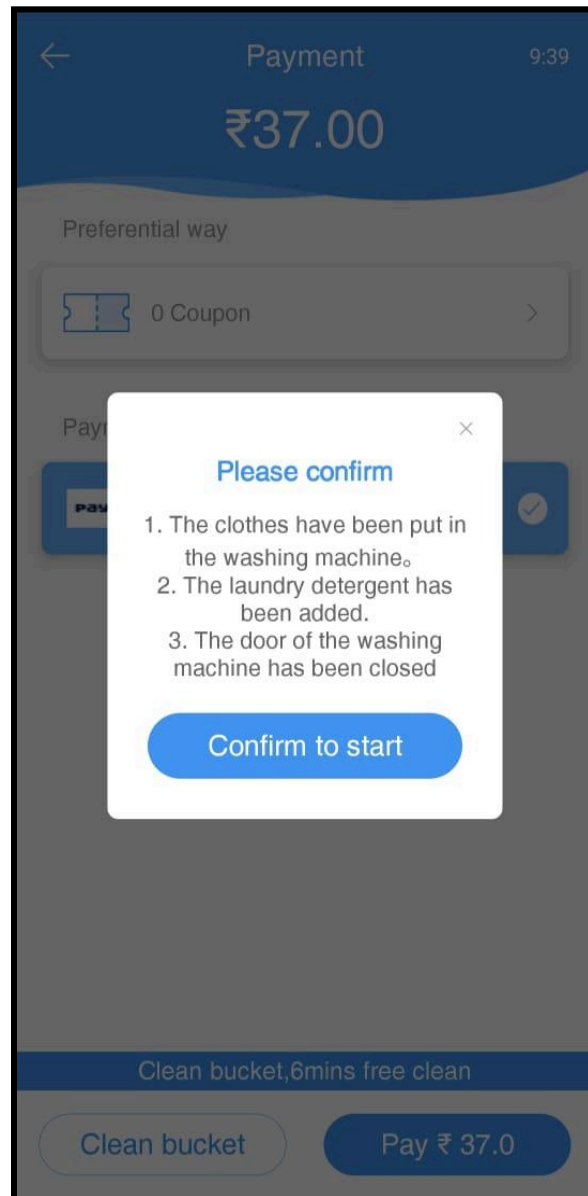
### 1. Hick's Law

- Limited options like nearby laundry, nearby dryers and scan QR on the main screen help users quickly initiate their tasks.
- Simplified options to choose Normal, Quick and Spin again simplifies choices to make decisions easier for users.



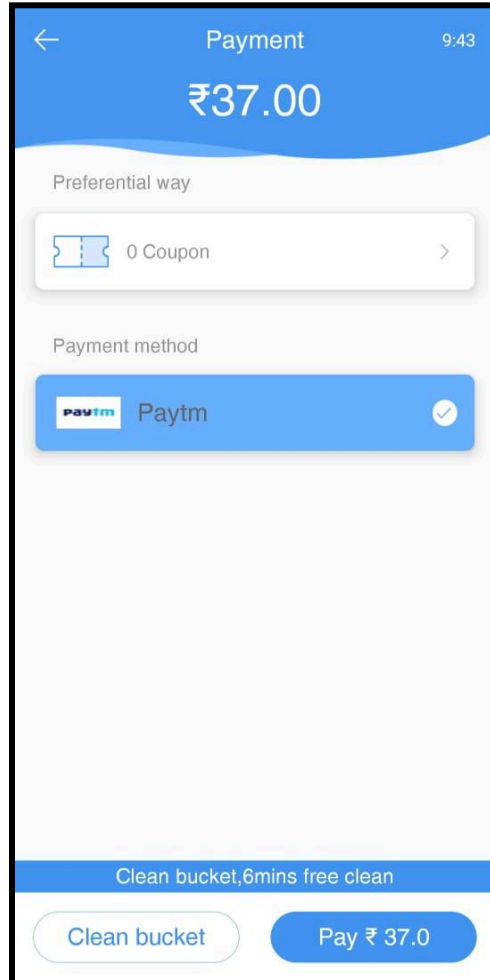
## 2. Fitts's Law

- If the app has control buttons ensuring these are large and easily clickable on mobile devices improves usability.



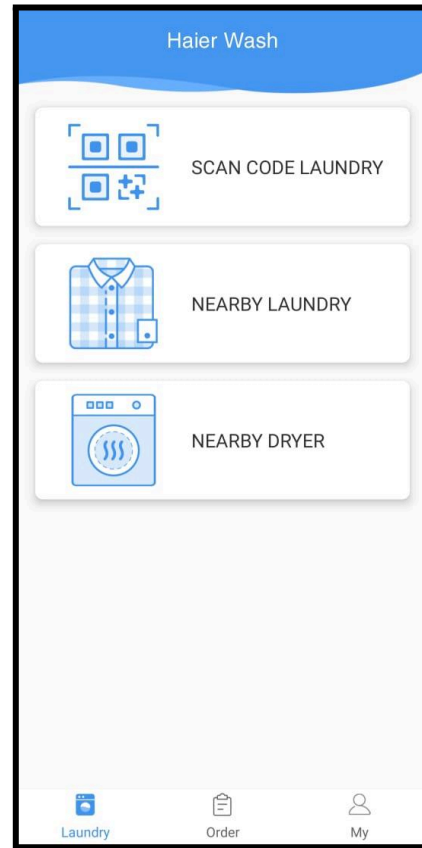
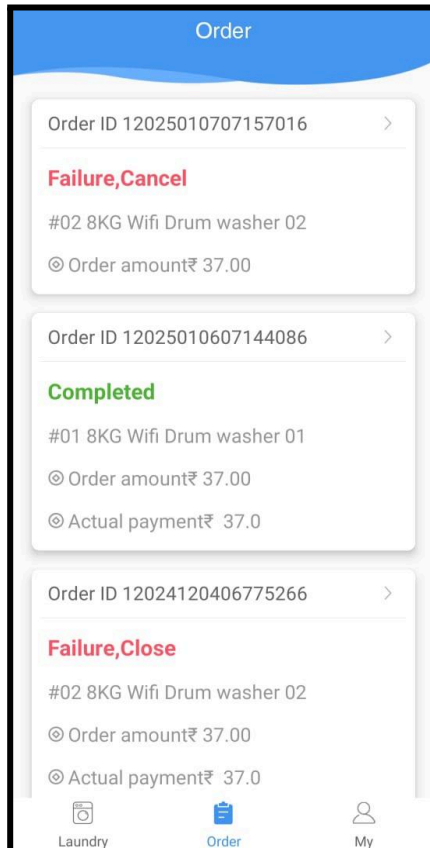
### 3. Jakob's Law

- The interface is easy, with clear icons and options which match user expectations. Also new users can go through the help section, this reduces cognitive load as familiar patterns can be used for first-time users as well.



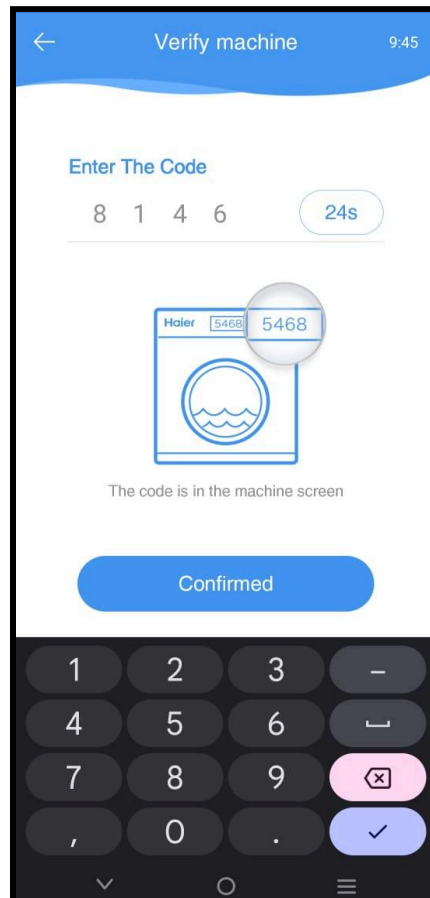
#### 4. Miller's Law (Users can keep 5-7 items in memory)

- Not many features are presented on the main screen, only 3 here.
- And following that all the pages also follows minimal features.



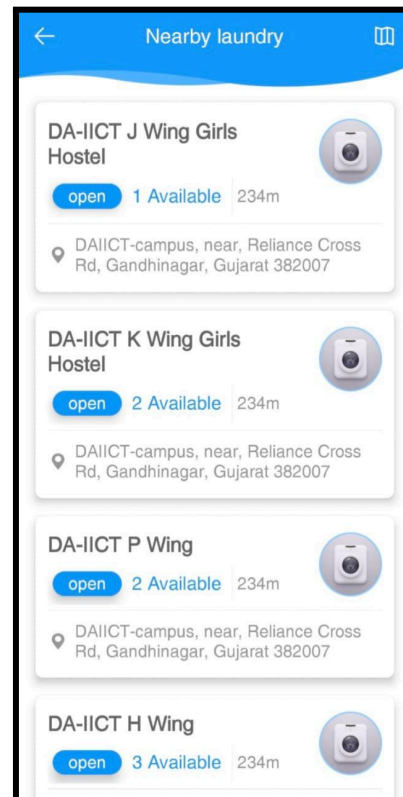
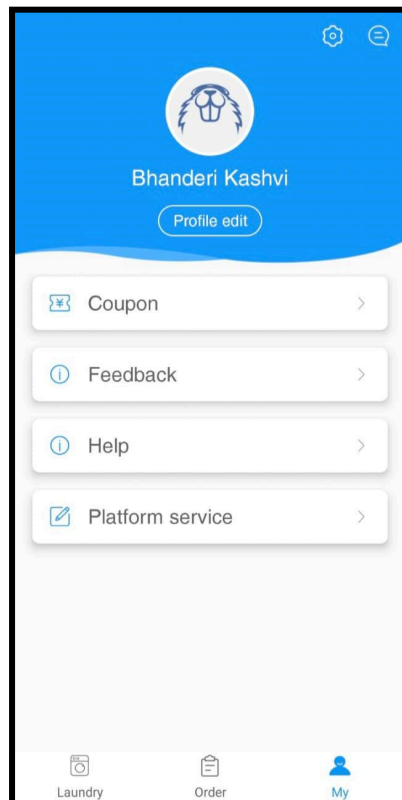
## 5. Tesler's Law

- Straightforward steps on each screen simplifies the overall process and guides through necessary complexity to do the task.



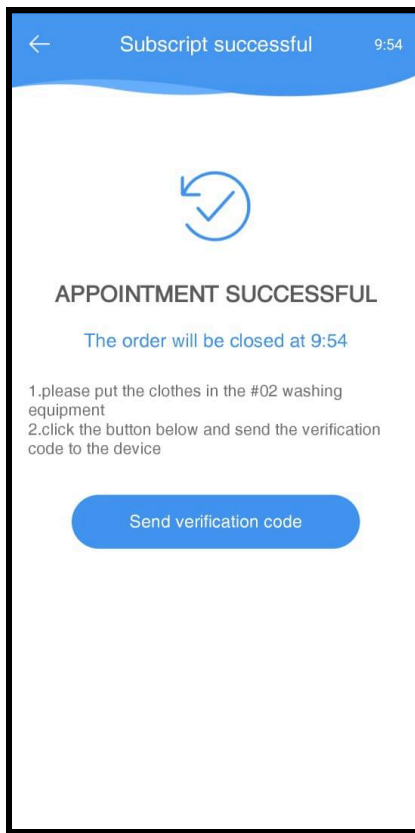
## 6. Law of Proximity (Group related items together)

- Related controls, such as wash cycle options and associated settings, are grouped together.
- Visual format(design of page or screen) enhances the grouping and usability.



## 7. Peak-End Rule (Users remember the peak and the end)

- The app is only used when needed, there's not much to remember, but For example, a clean “Cycle Complete!” a message at the end with a friendly tone can leave a positive impression.





## 8. Aesthetic Usability Effect (Beauty improves usability)

- A clean, visually appealing interface (same theme as DAIICT theme( luckily, close to blue-white), modern icons) makes the app more engaging and tolerable in our hostels, even if minor issues exist.
- The app has machine status animations such as timing clock similar to hourglasses improves the usability(not so much as users will use it anyways as per their needs)

