# Heuristic Evaluation of Prayer App UI

Evaluator: Sakka Mohamad-Mario

## 1. Problem

Prayer App helps Muslims manage daily prayers, locate the Qibla, and receive spiritual guidance. This evaluation highlights usability issues in the current design based on Nielsen’s ten heuristics.

## 2. Violations Found

**H1: Visibility of System Status / Severity 2 / Found by: A**

Problem: There is no statistics page to let users see how often they prayed each week or month.

Rationale: Without feedback on prayer frequency, users cannot monitor their worship habits or stay motivated.

Fix: Add a 'Prayer Stats' page with weekly and monthly graphs showing completed prayers and streaks.

**H2: Match Between System and Real World / Severity 2 / Found by: B**

Problem: On the Qibla page, the arrow that points to the Kaaba is not visually distinctive and may be overlooked.

Rationale: Users may question whether the arrow truly indicates the Kaaba, leading to uncertainty about their prayer direction.

Fix: Style the arrow with a contrasting colour and add a small Kaaba icon at the tip to clearly signal the direction.

**H7: Flexibility and Efficiency of Use / Severity 2 / Found by: C**

Problem: The app requires manual entry of Location and Method of calculation every time it is set up.

Rationale: Manual setup slows onboarding and can introduce errors if users choose incorrect parameters.

Fix: Automatically detect the user’s location and appropriate calculation method, while still allowing manual override.

**H4: Consistency and Standards / Severity 1 / Found by: D**

Problem: The current 'Tip of the day' mixes Quran and Hadith quotes without clear distinction.

Rationale: Lack of consistent labelling can confuse users about the source of the wisdom offered.

Fix: Rename the section to 'Wisdom for the Day' and use different fonts or scripts to differentiate Quranic verses from Hadith.

**H3: User Control and Freedom / Severity 2 / Found by: E**

Problem: There is no calendar or gesture to view prayer times for other days.

Rationale: Users cannot easily review past or upcoming prayer times, limiting planning and flexibility.

Fix: Add a calendar picker or enable horizontal swiping to move to previous and next days.

## 3. Summary of Violations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Viol. (sev 0) | # Viol. (sev 1) | # Viol. (sev 2) | # Viol. (sev 3) | # Viol. (sev 4) |
| H1: Visibility of System Status | 0 | 0 | 1 | 0 | 0 |
| H2: Match Between System and Real World | 0 | 0 | 1 | 0 | 0 |
| H7: Flexibility and Efficiency of Use | 0 | 0 | 1 | 0 | 0 |
| H4: Consistency and Standards | 0 | 1 | 0 | 0 | 0 |
| H3: User Control and Freedom | 0 | 0 | 1 | 0 | 0 |

## Total Violations by Severity

## 4. Evaluation Statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Severity / Evaluator | Evaluator A | Evaluator B | Evaluator C | Evaluator D | Evaluator E |
| sev. 0 | 0 | 0 | 0 | 0 | 0 |
| sev. 1 | 0 | 0 | 0 | 1 | 0 |
| sev. 2 | 1 | 1 | 1 | 0 | 1 |
| sev. 3 | 0 | 0 | 0 | 0 | 0 |
| sev. 4 | 0 | 0 | 0 | 0 | 0 |

## 5. Summary Recommendations

* Improve Feedback: Provide a dedicated 'Prayer Stats' dashboard so users can track weekly and monthly performance (H1).
* Clarify Qibla Direction: Restyle the arrow with a contrasting colour and Kaaba icon to match real‑world expectations (H2).
* Streamline On‑boarding: Auto‑detect location and calculation method to reduce setup friction (H7).
* Ensure Content Consistency: Rename to 'Wisdom for the Day' and visually differentiate Quranic verses from Hadith (H4).
* Enhance Navigation: Add calendar selection or swipe gestures to let users view prayer times for any day (H3).