1. **Executive Summary**

This Mobile App will be developed to help people Track Their goods and display analysis in dashboards to help user decide their best Time To buy specific item and Allow user using OCR to scan the list or receipt to help user verify their purchase

1. **Proposed Solutions**

The mobile application will include the following features:

* History of previously Made List using ( SQLite)
* Checking the item picked on the list
* Calculate The List Price ( Expected , Actual )

1. **Timeline**

|  |
| --- |
| Week 1: Information Gathering |
| Week 2: Requirement Analysis |
| Week 3: Design and Modeling |
| Week 4: Implementation |
| Week 5 : Testing and Maintenance |
| Week 6 : Final Delivery |

1. **Resources**

Ahmed : QA/C Engineer ( Project Manager )

Ismail : Backend Developer ( Team Leader ) Position in Project < Tester >

Habiba : Frontend Developer ( Team Leader) Position in Project < Designer >

Demiana : Backend Developer Position in Project < Analyzer >

Rola : Front-end Developer Position in Project < Developer >

1. **Technical Specifications**

* Survey: Using Google Forms, we will get Users needs .
* Design: Modeling the system using Draw.io, and UI/UX using Figma .
* Implementation: we will use vscode ( IDE ) , Capacitor ( PWA Bridge ),   
  SQLite ( Storage ), Code Base in ( HTML, CSS, JS, React ).
* Testing: using Jest and testing library framework the app will be tested with.

1. **Terms and Conditions**

**Adding Features** : in case client add any feature while Implementation phase will cause to rearrange the timeline and the delivery date or **Not Consider** it in Grading Team.

1. **Conclusion**

We are confident in our ability to deliver a high-quality Shopping List Mobile App using PWA Bridge Technology ( Capacitor ) And Frontend Framework ( React )

and Web Development Technologies ( HTML, CSS, JS) ) And Database ( SQLite )