

Activities/Tasks                      # of units    Unit Price                      Estimated cost

Planning		65	230 \$	1470 \$
- Stakeholders Analysis.	3	20 \$	60 \$	
- Project Charter.	5	20 \$	100 \$	
- Stakeholders Engagement.	4	20 \$	80 \$	
- Communication Management .	3	20 \$	60 \$	
- Project Scope.	8	30 \$	240 \$	
- Building Team.	16	30 \$	480 \$	
- WBS Structure.	6	20 \$	120 \$	
- Team Charter	6	10 \$	60 \$	
- Risk Management.	6	15 \$	90 \$	
- Estimation.	4	20 \$	80 \$	
- Scheduling.	4	25 \$	100 \$	
Design		48	1280 \$	
- Software Architecture.	16	25 \$	400 \$	
- High Level Design.	16	25 \$	400 \$	
- Detailed Design.	16	30 \$	480 \$	
Implementation		81	1215 \$	
o Implementation of the mobile app which is used by Purchaser.				
- Authentication	6	15 \$	90 \$	
- Maps Integration	16	15 \$	240 \$	
- QR code reader	8	15 \$	120 \$	

○ Implementation of control panel for the Application management(Web page)			
- Authentication	4	15 \$	60 \$
- monitoring.	4	15 \$	60 \$
- Managing Users and Business Owners.	24	15 \$	360 \$
- Recording The actions made through the application.	5	15 \$	75 \$
○ Implementation of control page for the Businesses owners/Partners.			
- Authentication	4	15 \$	60 \$
- Discount Management	6	15 \$	90 \$
- Card usage monitoring	4	15 \$	60 \$
<b>Testing</b>	<b>42</b>		<b>1420 \$</b>
- Purchaser Application Testing	16	40 \$	640 \$
- Management Control Panel Testing.	16	30 \$	480 \$
- Businesses Owners Control Page Testing.	10	30 \$	300 \$
<b>Deploy</b>	<b>212</b>		<b>4180 \$</b>
- Customer Approval	12	15 \$	180 \$
- Initial Deployment with small number of businesses	40	15 \$	600 \$
- Rework on the system users feedback	60	15 \$	900 \$

- Full Deployment.	100	25 \$	2500 \$
<b>Closure</b>	<b>16</b>		<b>240 \$</b>
- List or Issues documentation.	5	15 \$	75 \$
- Gained Experience documentation.	5	15 \$	75 \$
- Team Appraisal	6	15 \$	90 \$
<b>Tools and Subscriptions</b>			<b>186 \$</b>
- Google Maps	1	30 \$	30 \$
- Google Play	1	26 \$	26 \$
- App Store	1	100 \$	100 \$
- Hosting and domain names	1	30 \$	30 \$

**464**

**9991 \$**

### Assumptions

1. The availability of a qualified team according to the project schedule
2. The full requirement of the project are submitted by the customer