

Auto Masters

Prepared by

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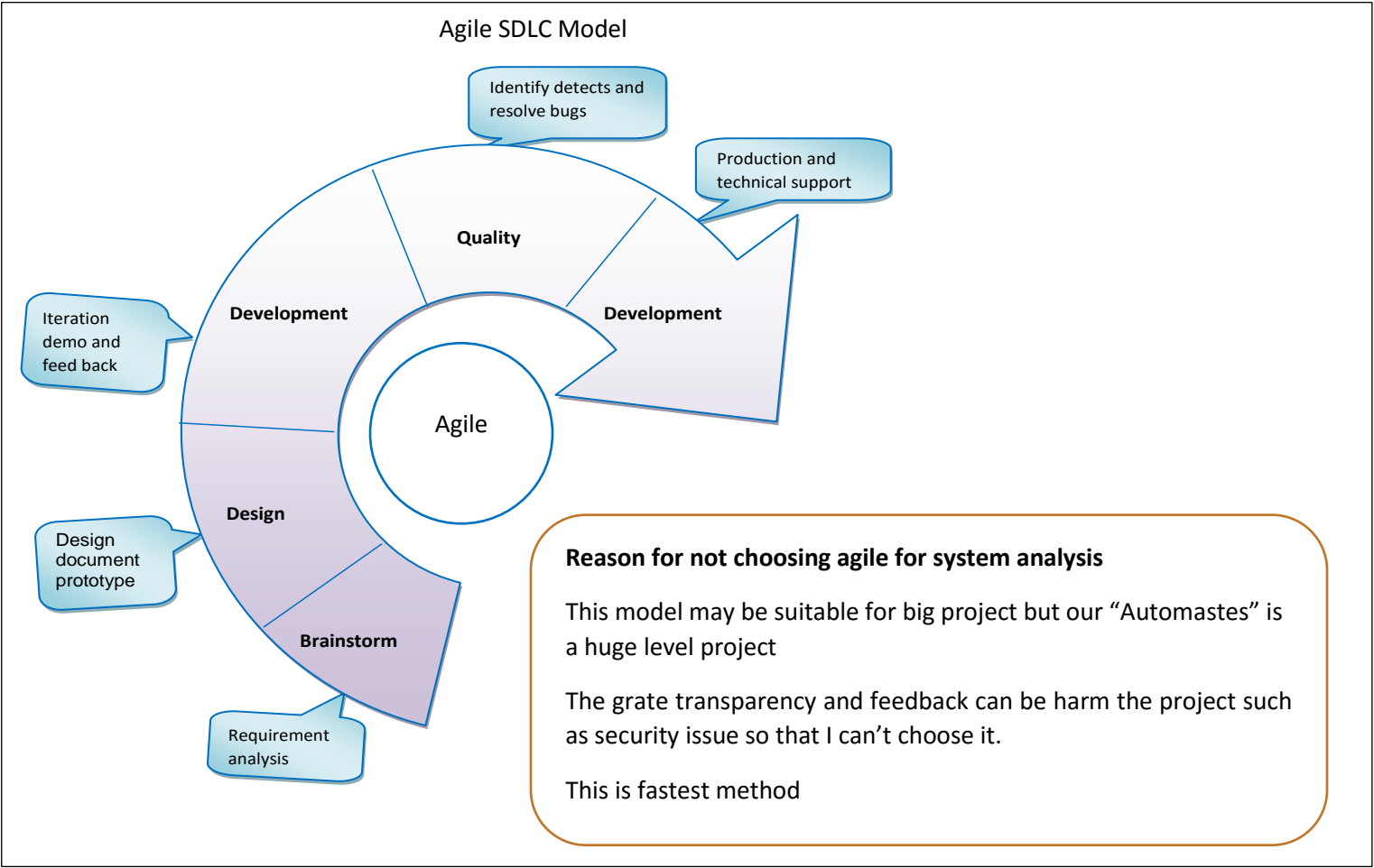
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Project Name	Auto Masters	
Type	Web App Development	
	Website Development	✓
	Mobile Application Development	
	Cross Platform Mobile App Development	
	Other	

Technical Details

Technical Specification	IDE	Dreamviewer
	Programming Lang.	PHP
	For UI Design	HTML5,CSS,Java Script ,jQuery
	Database	MYSQL

SDLC Process



Current System

Auto Masters is a Vehicle mechanical and service center. Currently they using manual and paper work for maintaining the documents such as:

1. Maintaining customer record
2. Maintaining stock record
3. Maintaining employee records and the salary details
4. Maintaining inventory of repairing vehicles
5. Using manual invoice
6. Using manual accounting technology
7. Preparing estimate using manual work

So, they have a trouble to running the manual system and maintain the records in securely.

Proposed System

I proposed the system will be fully automated through the web application.

Such as:

1. Maintaining customer record
2. Maintaining stock record
3. Maintaining employee records and the salary details
4. Maintaining inventory of repairing vehicles
5. Using automated invoice and mail notifications
6. Using automated accounting technology
7. Preparing estimate using through the web application

The system include Multi type of users can login and access the system.

Such as:

- A. Supper admin
- B. Admin
 - 1) Staff
 - 2) Accountant
 - 3) Receptionist
 - 4) It manager

Special Features

- 1) We can access this system through the internet in all devices. Such as Smart phones, Tap, Laptop and Personal Computers.
- 2) Using Bar code reader for adding product and searching products. So it is help to easy to searching and maintaining stock.
- 3) Easy to check the reports and records within a second.
 1. Earning report
 2. Stock report
 3. Others (This is prefer of end user requirements.)

Risk Analysis

1. It is considered legally and ethically.
2. Payment securely because of using face to face communication technology.
3. I will overcome the competitions of other competitors.
4. Keeping the records in securely

Further Development

1. Online payment gateway
Customer can pay the payment through the gateway.
2. Including vehicle tendering system.

Schedule and Budget

Work Breakdown Structure

Title	Start date	End date
Requirements gathering	2016/08/01	2016/08/08
1. Interview	2016/08/01	2016/08/01
2. Sampling of the existing documentations	2016/08/02	2016/08/02
3. Research and site visit	2016/08/02	2016/08/06
4. Observation	2016/08/05	2016/08/08
Analysis the record	2016/08/08	2016/08/25
1. Preparing final record	2016/08/08	2016/08/12
2. Preparing Mockup	2016/08/12	2016/08/20
3. Choose theme	2016/08/23	2016/08/25
Design	2016/08/25	2016/09/20
1. DFD	2016/08/25	2016/08/28
2. ERT	2016/08/28	2016/08/30
3. Use case	2016/09/1	2016/09/4
4. User Interface	2016/09/5	2016/09/9
5. UML	2016/09/10	2016/09/13
6. Data base	2016/09/13	2016/09/20

Coding	2016/10/02	2016/11/02
1. Front code	2016/10/02	2016/10/12
2. Back end code	2016/10/12	2016/10/22
3. Validations	2016/10/22	2016/10/30
Testing	2016/11/02	2016/11/17
1. Unite testing	always	always
2. Integration testing	After module	After module
3. System testing	2016/11/02	2016/11/10
4. Beta testing	2016/11/7	2016/11/12
5. Black box testing	2016/11/9	2016/11/15
6. White box testing	2016/11/8	2016/11/17
Implementations	2016/11/20	2016/11/25
1. Preparing documentation	2016/11/20	2016/11/24
2. Get domain	2016/11/24	2016/11/24
3. Get server	2016/11/24	2016/11/24
4. Launch product	2016/11/25	2016/11/25

Schedule and Milestones

Milestones	Description	Milestone Criteria	Planned Date
M0	Start Project	Budget Release	2016/08/01
	Problem definition	PRS or SRS reviewed Stakeholders identified Impl. Proposal reviewed	2016/08/08
M1	Start Planning		2016/08/08
	Requirement gathering	Scope and concept described	2016/08/25
M2	Start Execution		2016/08/25
	ERD and DFD Mockup	Requirements agreed, project plan reviewed, resources committed	2016/09/02
M3	Confirm Execution		2016/09/02
	Design and parallel testing Including database	Architecture reviewed and stable	2016/10/02
M4	Start Introduction		2016/10/02
	coding	Coding of new functionality finished, Draft documentation	2016/11/02
M5	Release Product		2016/11/02
	Testing	Product system tested, documentation reviewed	2016/11/17
M6	Close Project		2016/11/25

Budget

Category	Budget for Period					
	M0-M1	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6
Human Resources (internal)	11200	22400	11200	48000	48000	22400
Human Resources (external)	-				5000	
Purchases (COTS)	-					18000
Equipment	-			15000	2000	
Premises	-					
Tools	-					
Travel costs	2000	2000	2000			
Training	-					
Review activities	-					
Other	-				5000	2000
Total	13200	24400	13200	63000	60000	42400
Total cumulated						216200

Summary

I make sure this system will be user friendly and legally. This will help to maintain the records securely. And if we change the system from manual to automatize it will be easier to them to process their work in a quick way.

And the services rendered by Auto Master will be function faster and the relevant records and reports will be digitalized. So it is easy to retrieve and manage records efficiently.

