

FLOSS AND GLOSS DENTAL GROUP



SACHIN PARULEKAR



CONTENT

- TRADITIONAL
 - PROJECT CHARTER
 - WORK BREAKDOWN STRUCTURE
 - COST ESTIMATE
 - COST BUDGET
 - RISK REGISTER
- AGILE
 - SCRUM BOARDS
 - DEMO



Project Charter

Name:	Floss & Gloss Dental Group
Start Date:	04/18/19
End Date:	06/5/19
Scope Statement:	<p>Build a website for a Dental Office with 6 features:</p> <ul style="list-style-type: none">● Meet Our Doctors● Hours & Location● Our Services● Schedule Appointment● Insurance Information● FAQ
Member:	Sachin Parulekar
Sponsor:	



WBS

Level	WBS	Task Description	Deliverable
1		Initiation	
	1.1	Develop project charter	A Project Charter
	1.2	Deliverable : Submit Project Charter	
	1.3	Project Sponsor Reviews Project Charter	
	1.4	Project Charter Signed/Approved	
2		Planning	
	2.1	Create Preliminary Scope Statement	Preliminary Scope statement
	2.2	Determine Project Team	Name of team members
	2.3	Develop Project Plan	A Project Plan
	2.4	Submit Project Plan	
	2.5	Align key stakeholders for approval	
3		Requirements	
	3.1	Define User Requirements	User requirements
	3.2	Define Technical Requirements	Technical requirements
	3.3	Choose Hosting Platform	Hosting platform
	3.4	Choose Domain Name	Domain name



WBS

4		Design	
	4.1	Decide Database platform	Name of Database platform
	4.1.1	Determine database technical specifications	Technical specification document
	4.1.2	Verify specifications align with requirements and deliverables	
	4.2	Design Web User interface	Design of web user interface
	4.2.1	Create User interface prototypes	User interface prototype
	4.2.2	Review User Interface against requirements	Web user interface
	4.3	Determine hosting platform can support technical deliverables	
	4.4	Review all design plans with team	
	4.5	Acquire user sign off on prototype design	Prototype design
5		Development	
	5.1	Identify data that will be gathered from system	Identify data
	5.2	Identify main data items into entities for table creation	
	5.3	Determine relationships between tables	
	5.3.1	Create Keys on tables	Keys on tables
	5.3.2	Create integrity constraint on tables for data purity	Integrity constraints
	5.3.3	Create indexes on tables	Table
	5.4	Verify database is in third normal form	Verified database
	5.5	Develop front and end web pages	Front & end web pages
	5.6	Unit test web pages and conduct code reviews	Unit test web pages
	5.7	Design website design template	Website design template
	5.8	Review web pages meet requirements	



WBS

6		Testing	
	6.1	Verify data design of Database	
	6.1.1	Verify relationships hold data integrity	
	6.1.2	Integration and penetration testing of back end	
	6.2	Verify front end web design functionality	
	6.3	Perform test scripts against system	Test Scripts
	6.3.1	Run test scripts to verify functionality of deliverables	
	6.3.2	Run regression scripts	
	6.3.3	Integration and penetration testing of front end	
	6.4	User acceptance testing	
	6.5	Stress test system on platform	Test system
	6.5	Customer sign off for release	
7		Implementation	
	7.1	Create Implementation plan	Implementation plan
	7.2	Determine Installation strategy	Installation strategy
	7.3	Verify host of deployment readiness	
	7.4	Push system deliverables into production instance	
	7.4.1	Conduct health check on production instance	
	7.4.2	Verify deliverables are functional	
	7.5	Release system to users	System



WBS

8	Monitoring and Controlling	
	8.1 Initiate Warranty Period	
	8.2 Evaluate the Solution	
8.2.1	Verify system performance is stable	
8.2.2	Resolve any issues logged	
	8.3 Complete Transition to Support	
9	Closing	
	9.1 Align Key Stakeholders	
	9.2 Evaluate Change Management	
	9.3 Project Close	
	9.4 Reinforcing Change	



COST ESTIMATE

Level	WBS	Task Description	Rate	Hour	Subtotal	WBS Level 1 Total	% of Total
1		Initiation				420\$	2
	1.1	Develop project charter	75\$	3	225\$		
	1.2	Deliverable : Submit Project Charter		0.5	37.50\$		
	1.3	Project Sponsor Reviews Project Charter		2	150\$		
	1.4	Project Charter Signed/Approved		0.1	7.50\$		
2		Planning				1,050\$	5
	2.1	Create Preliminary Scope Statement	75\$	5	375\$		
	2.2	Determine Project Team		2	150\$		
	2.3	Develop Project Plan		5	375\$		
	2.4	Submit Project Plan		0.2	15		
	2.5	Align key stakeholders for approval		1.8	135\$		
3		Cost Estimate				\$2100	10
	3.1	Define User Requirements	75\$	13	975\$		
	3.2	Define Technical Requirements		12	900\$		
	3.3	Choose Hosting Platform		2	150\$		
	3.4	Choose Domain Name		1	75\$		



COST ESTIMATE

4		Design				5,587.50\$	20
	4.1	Decide Database platform	100\$	2	200\$		
	4.1.1	Determine database technical specifications		15	1,500\$		
	4.1.2	Verify specifications align with requirements and deliverables		4	400\$		
	4.2	Design Web User interface		20	2,000\$		
	4.2.1	Create User interface prototypes		8	800\$		
	4.2.2	Review User Interface against requirements		2.5	250\$		
	4.3	Determine hosting platform can support technical deliverables		2	200\$		
	4.4	Review all design plans with team		2	200\$		
	4.5	Acquire user sign off on prototype design	75\$	0.5	37.50\$		
5		Development				14,575\$	40
	5.1	Identify data that will be gathered from system	100\$	5	500\$		
	5.2	Identify main data items into entities for table creation		5	500\$		
	5.3	Determine relationships between tables		8	800\$		
	5.3.1	Create Keys on tables		1	100\$		
	5.3.2	Create integrity constraint on tables for data purity		8	800\$		
	5.3.3	Create indexes on tables		5	500\$		
	5.4	Verify database is in third normal form		2	200\$		
	5.5	Develop front and end web pages		50	5,000\$		
	5.6	Unit test web pages and conduct code reviews		22	2,200\$		
	5.7	Design website design template		5	500\$		
	5.8	Review web pages meet requirements	75\$	1	75\$		



COST ESTIMATE

6		Testing				2,900\$	10
	6.1	Verify data design of Database	100\$	1	100\$		
	6.1.1	Verify relationships hold data integrity		1	100\$		
	6.1.2	Integration and penetration testing of back end		2	200\$		
	6.2	Verify front end web design functionality		3.5	350\$		
	6.3	Perform test scripts against system		5	500\$		
	6.3.1	Run test scripts to verify functionality of deliverables		2	200\$		
	6.3.2	Run regression scripts		2	200\$		
	6.3.3	Integration and penetration testing of front end		2	200\$		
	6.4	User acceptance testing		6	600\$		
	6.5	Stress test system on platform		3	300\$		
	6.5	Customer sign off for release		0.5	50\$		
7		Implementation				1,250\$	5
	7.1	Create Implementation plan	100\$	5	500\$		
	7.2	Determine Installation strategy		2	200\$		
	7.3	Verify host of deployment readiness		1	100\$		
	7.4	Push system deliverables into production instance	75\$	4	300\$		
	7.4.1	Conduct health check on production instance		0.5	37.50\$		
	7.4.2	Verify deliverables are functional		1	75\$		
	7.5	Release system to users		0.5	37.50\$		



COST ESTIMATE

8		Monitoring and Controlling				700\$	5
	8.1	Initiate Warranty Period	50\$	0.5	25\$		
	8.2	Evaluate the Solution		5	250\$		
	8.2.1	Verify system performance is stable		2	100\$		
	8.2.2	Resolve any issues logged		6	300\$		
	8.3	Complete Transition to Support		0.5	25\$		
9		Closing				420\$	3
	9.1	Align Key Stakeholders	50\$	3	150\$		
	9.2	Evaluate Change Management		3.4	170\$		
	9.3	Project Close		1	50\$		
	9.4	Reinforcing Change		1	50\$		
TOTAL						29,002.50\$	



COST BUDGET

WBS ITEMS	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	TOTAL
1. Project Management								\$3,570
Project manager	\$171	\$171		\$171	\$171	\$171	171\$	\$1,200
Project team members	\$210	\$210	\$210	\$210	\$210	\$210	\$210	\$1,470
Contractors			\$180	\$180	\$180	\$180	\$180	\$900
2. Hardware								\$2,800
Handheld devices			\$900		\$900			\$1,800
Servers			\$500		\$500			\$1,000
3. Software								\$17,000
Licensed software		\$1000		\$1000				\$2,000
Software development		\$2200	\$5,500	\$3100	\$2400	\$1800		\$15,000
4. Testing			\$300	\$500	\$1200	\$400	\$500	\$2,900
5. Training and Support								\$2,400
Trainee cost						\$1100		\$1,100
Travel cost						\$500		\$500
Project team members			\$160	\$160	\$160	\$160	\$160	\$800
6. Miscellaneous			\$40	\$60	\$30	\$80	\$122.5	\$33.50
TOTALS	\$381	\$3581	\$7790	\$5381	\$5751	\$4601	\$1343.5	\$29,002.50



RISK REGISTER

NO.	RANK	DESCRIPTION	RISK OWNER	PROBABILITY	IMPACT	SEVERITY
R1	4	Estimation and scheduling	Project Manager (Joseph)	6	We might not able to deliver product on time (9)	54
R2	3	Sudden growth in requirements	Product Owner (Disha)	7	Fail to match quality standards (8)	56
R3	5	Inadequate Planning	Project Manager (Joseph)	5	Team members have communication problem and confusion about how the project goes (9)	45
R4	7	Poor Definition	Higher Management (Zeel)	3	Slowing down the development process(6)	18
R5	11	Absence of Leadership	Project Manager (Joseph)	1	Lack of coordination between different teams (7)	7
R6	10	Poor Time management	Team Members (Sachin)	2	Delay in delivering the project.(5)	10
R7	9	Poor Cost Estimation	Higher Management (Zeel)	2	Budget might have a huge change and overall cost can rise up(4)	8
R8	8	Real-time performance shortfalls	Team Members (Sachin)	3	Rescheduling and trainings which can cause delay(5)	15
R9	2	Late changes to requirements	Higher Management (Zeel)	8	Project may slow down and can lead to confusion.(8)	64
R10	1	Unclear or misunderstood scope/objectives	Project Manager (Joseph)	8	not having a clear understanding of scope can result in time and resources being spent on focusing on the scope and business process, things that should be outlined and defined during requirement phase. (9)	72
R11	12	Employee Turnover	Higher Management (Zeel)	1	May lead to new hiring and rescheduling(6)	6



SCRUM BOARD

WEEK 1

WEEK 1 ☆ Personal Private z Invite

Things To Do

- DEVELOP HOME PAGE
- DEVELOP MEET OUR STAFF PAGE
- DEVELOP SERVICES PAGE
- DEVELOP INSURANCE INFORMATION PAGE
- DEVELOP FAQ PAGE
- DEVELOP LOCATION PAGE
- DEVELOP SCHEDULE APPOINTMENT PAGE
- VERIFY FRONT END WEB DESIGN FUNCTIONALITY

+ Add another card

Doing

- DEVELOP AND DELIVER PROJECT CHARTER
- DEFINE USER REQUIREMENTS
- DEFINE TECHNICAL REQUIREMENTS
- DESIGN WEB UI
- DEFINE DATABASE ARCHITECTURE

+ Add another card

Done

+ Add a card

+ Add another list



SCRUM BOARD

WEEK 2

WEEK 2 ☆ Personal Private z Invite

Things To Do

- IMPLEMENTATION PLAN
- PUSH SYSTEM DELIVERABLES TO PRODUCE
- RELEASE SYSTEM TO USERS
- RESOLVE ISSUES

+ Add another card

Doing

- DEVELOP HOME PAGE
- DEVELOP MEET OUR STAFF PAGE
- DEVELOP SERVICES PAGE
- DEVELOP INSURANCE INFORMATION PAGE
- DEVELOP FAQ PAGE
- DEVELOP LOCATION PAGE
- DEVELOP SCHEDULE APPOINTMENT PAGE
- VERIFY FRONT END WEB DESIGN FUNCTIONALITY
- RUN REGRESSION SCRIPTS
- STRESS TEST PLATFORM

+ Add another card

Done

- DEVELOP AND DELIVER PROJECT CHARTER
- DEFINE USER REQUIREMENTS
- DEFINE TECHNICAL REQUIREMENTS
- DESIGN DATABASE ARCHITECTURE
- DESIGN WEB UI

+ Add another card

+ Add another list



SCRUM BOARD

WEEK 3

WEEK 3 ☆ Personal Private z Invite

Things To Do ...

+ Add a card

Doing ...

- IMPLEMENTATION PLAN
- PUSH SYSTEM DELIVERABLES TO PROD
- VERIFY FRONT END WEB DESIGN FUNCTIONALITY
- RUN REGRESSION SCRIPT
- STRESS TEST PLATFORM

+ Add another card

Done ...

+ Add another list

- DEVELOP HOME PAGE
- DEVELOP MEET OUR STAFF PAGE
- DEVELOP SERVICES PAGE
- DEVELOP INSURANCE INFORMATION PAGE
- DEVELOP FAQ PAGE
- DEVELOP LOCATION PAGE
- DEVELOP SCHEDULE APPOINTMENT PAGE
- VERIFY DATABASE DESIGN ARCHITECTURE AND DATA INTEGRITY

+ Add another card



DEMO

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