









































































## Software Development Plan

	 Task Name	Duration	Start	Finish	Work	Resource Names
0	<b>Software Development Plan</b>	<b>136 days</b>	<b>Fri 09/25/20 08:00 AM</b>	<b>Mon 04/05/21 08:00 AM</b>	<b>2,896 hrs</b>	
1	<b>Concept</b>	<b>10 days</b>	<b>Fri 09/25/20 08:00 AM</b>	<b>Thu 10/08/20 05:00 PM</b>	<b>96 hrs</b>	
2	 Determine objectives and goals	2 days	Fri 09/25/20 08:00 AM	Mon 09/28/20 05:00 PM	16 hrs	Anzala
3	 Define success criteria	1 day	Tue 09/29/20 08:00 AM	Tue 09/29/20 05:00 PM	8 hrs	Bilal
4	 Determine high level components	1 day	Wed 09/30/20 08:00 AM	Wed 09/30/20 05:00 PM	8 hrs	Maham
5	 Application architecture	1 day	Thu 10/01/20 08:00 AM	Thu 10/01/20 05:00 PM	8 hrs	Mubarra
6	 Determine tools and technologies	2 days	Fri 10/02/20 08:00 AM	Mon 10/05/20 05:00 PM	32 hrs	Bilal,Mubarra
7	 Determine project feasibility	2 days	Tue 10/06/20 08:00 AM	Wed 10/07/20 05:00 PM	16 hrs	Maham
8	Determine project scope	1 day	Thu 10/08/20 08:00 AM	Thu 10/08/20 05:00 PM	8 hrs	Anzala
9	<b>Inception</b>	<b>39.5 days</b>	<b>Thu 10/08/20 08:00 AM</b>	<b>Wed 12/02/20 12:00 PM</b>	<b>288 hrs</b>	
10	 Team gathering	1 day	Thu 10/08/20 08:00 AM	Thu 10/08/20 05:00 PM	8 hrs	Bilal
11	<b>Deliverable 1</b>	<b>17 days</b>	<b>Fri 10/09/20 08:00 AM</b>	<b>Mon 11/02/20 05:00 PM</b>	<b>176 hrs</b>	
12	 Existing system analysis	1 day	Fri 10/09/20 08:00 AM	Fri 10/09/20 05:00 PM	8 hrs	Bilal
13	 Draft preliminary software specification	4 days	Mon 10/12/20 08:00 AM	Thu 10/15/20 05:00 PM	32 hrs	Maham
14	 Identify External entities	1 day	Thu 10/15/20 08:00 AM	Thu 10/15/20 05:00 PM	8 hrs	Bilal
15	 Context Level Data Flow Diagram	1 day	Fri 10/16/20 08:00 AM	Fri 10/16/20 05:00 PM	8 hrs	Anzala
16	 Capture "shall" statements	3 days	Fri 10/16/20 08:00 AM	Tue 10/20/20 05:00 PM	24 hrs	Mubarra
17	 Allocate requirements	3 days	Wed 10/21/20 08:00 AM	Fri 10/23/20 05:00 PM	24 hrs	Anzala
18	 Prioritize requirements	2 days	Mon 10/26/20 08:00 AM	Tue 10/27/20 05:00 PM	16 hrs	Bilal
19	 Requirements Trace-ability matrix	1 day	Tue 10/27/20 08:00 AM	Tue 10/27/20 05:00 PM	8 hrs	Anzala
20	 Project costing (Function point analysis)	2 days	Wed 10/28/20 08:00 AM	Thu 10/29/20 05:00 PM	16 hrs	Bilal
21	 Critical Path Method	2 days	Wed 10/28/20 08:00 AM	Thu 10/29/20 05:00 PM	16 hrs	Mubarra
22	 Review software	5 hrs	Fri 10/30/20 08:00 AM	Fri 10/30/20 02:00 PM	0 hrs	
23	 Incorporate feedback on software	1 day	Mon 11/02/20 08:00 AM	Mon 11/02/20 05:00 PM	8 hrs	Mubarra
24	 Determine Risk List	1 day	Tue 10/27/20 08:00 AM	Tue 10/27/20 05:00 PM	8 hrs	Anzala
25	 Obtain approvals to proceed	4 hrs	Fri 10/30/20 08:00 AM	Fri 10/30/20 12:00 PM	0 hrs	
26	<b>Deliverable 2</b>	<b>12 days</b>	<b>Fri 11/13/20 08:00 AM</b>	<b>Mon 11/30/20 05:00 PM</b>	<b>104 hrs</b>	
27	 Use case description	2 days	Fri 11/13/20 08:00 AM	Mon 11/16/20 05:00 PM	16 hrs	Mubarra
28	 Use case diagram	1 day	Tue 11/17/20 08:00 AM	Tue 11/17/20 05:00 PM	8 hrs	Bilal
29	 Design Domain Model	2 days	Wed 11/18/20 08:00 AM	Thu 11/19/20 05:00 PM	16 hrs	Anzala
30	 Design Sequence Diagram	1 day	Fri 11/20/20 08:00 AM	Fri 11/20/20 05:00 PM	8 hrs	Maham
31	 Design Collaboration Diagram	2 days	Mon 11/23/20 08:00 AM	Tue 11/24/20 05:00 PM	16 hrs	Mubarra
32	 Define Operation contracts	1 day	Wed 11/25/20 08:00 AM	Wed 11/25/20 05:00 PM	8 hrs	Anzala
33	 Design Class Diagram	2 days	Thu 11/26/20 08:00 AM	Fri 11/27/20 05:00 PM	16 hrs	Maham
34	 Design Data Model	2 days	Fri 11/27/20 08:00 AM	Mon 11/30/20 05:00 PM	16 hrs	Bilal
35	 Obtain approvals to proceed	4 hrs	Wed 12/02/20 08:00 AM	Wed 12/02/20 12:00 PM	0 hrs	
36	<b>Iterations</b>	<b>67 days</b>	<b>Mon 11/02/20 08:00 AM</b>	<b>Tue 02/02/21 05:00 PM</b>	<b>2,024 hrs</b>	
37	<b>Sprint 1 (Exploring Tools and Technologies)</b>	<b>23 days</b>	<b>Mon 11/02/20 08:00 AM</b>	<b>Wed 12/02/20 05:00 PM</b>	<b>736 hrs</b>	
38	 Learn front End Technologies	1 wk	Mon 11/02/20 08:00 AM	Fri 11/06/20 05:00 PM	160 hrs	Anzala,Bilal,Maham,Mut
39	 Learn app development	1 wk	Mon 11/09/20 08:00 AM	Fri 11/13/20 05:00 PM	160 hrs	Anzala,Bilal,Maham,Mut
40	 Learn python	1 wk	Mon 11/16/20 08:00 AM	Fri 11/20/20 05:00 PM	160 hrs	Anzala,Bilal,Maham,Mut
41	 Learn Django Rest API framework	1 wk	Mon 11/23/20 08:00 AM	Fri 11/27/20 05:00 PM	160 hrs	Anzala,Bilal,Maham,Mut
42	 Build a pilot App	3 days	Mon 11/30/20 08:00 AM	Wed 12/02/20 05:00 PM	96 hrs	Anzala,Bilal,Maham,Mut
43	<b>Sprint 2 (Designing mockups)</b>	<b>8 days</b>	<b>Thu 12/03/20 08:00 AM</b>	<b>Mon 12/14/20 05:00 PM</b>	<b>104 hrs</b>	
44	 Review Deliverables	1 day	Thu 12/03/20 08:00 AM	Thu 12/03/20 05:00 PM	32 hrs	Anzala,Bilal,Maham,Mut
45	 Design screen mockups	4 days	Fri 12/04/20 08:00 AM	Wed 12/09/20 05:00 PM	32 hrs	Mubarra
46	 Review screen mockups	1 day	Thu 12/10/20 08:00 AM	Thu 12/10/20 05:00 PM	24 hrs	Anzala,Bilal,Maham
47	 Incorporate feedback in design	2 days	Fri 12/11/20 08:00 AM	Mon 12/14/20 05:00 PM	16 hrs	Mubarra
48	 Obtain Approval to proceed	1 day	Tue 12/15/20 08:00 AM	Tue 12/15/20 05:00 PM	0 hrs	
49	<b>Sprint 3 (Login/SignUp Module)</b>	<b>10 days</b>	<b>Wed 12/16/20 08:00 AM</b>	<b>Tue 12/29/20 05:00 PM</b>	<b>160 hrs</b>	
50	 Review screen mockup	1 day	Wed 12/16/20 08:00 AM	Wed 12/16/20 05:00 PM	16 hrs	Anzala,Bilal
51	 Develop front end	3 days	Thu 12/17/20 08:00 AM	Mon 12/21/20 05:00 PM	48 hrs	Anzala,Bilal
52	 Develop backend	3 days	Tue 12/22/20 08:00 AM	Thu 12/24/20 05:00 PM	48 hrs	Anzala,Bilal
53	 Scrum Testing	3 days	Fri 12/25/20 08:00 AM	Tue 12/29/20 05:00 PM	48 hrs	Anzala,Bilal
54	<b>Sprint 4 (Destination management module)</b>	<b>30 days</b>	<b>Wed 12/16/20 08:00 AM</b>	<b>Tue 01/26/21 05:00 PM</b>	<b>240 hrs</b>	
55	 Review screens mockups	1 day	Wed 12/16/20 08:00 AM	Wed 12/16/20 05:00 PM	16 hrs	Maham,Mubarra
56	 Develop front end	1 wk	Wed 01/20/21 08:00 AM	Tue 01/26/21 05:00 PM	80 hrs	Maham,Mubarra
57	 Develop backend	1 wk	Thu 12/24/20 08:00 AM	Wed 12/30/20 05:00 PM	80 hrs	Maham,Mubarra
58	 Scrum Testing	4 days	Thu 12/31/20 08:00 AM	Tue 01/05/21 05:00 PM	64 hrs	Maham,Mubarra
59	<b>Sprint 5 (Stay management module)</b>	<b>15 days</b>	<b>Wed 12/30/20 08:00 AM</b>	<b>Tue 01/19/21 05:00 PM</b>	<b>240 hrs</b>	
60	 Review screen mockup	1 day	Wed 12/30/20 08:00 AM	Wed 12/30/20 05:00 PM	16 hrs	Anzala,Bilal
61	 Develop front end	1 wk	Thu 12/31/20 08:00 AM	Wed 01/06/21 05:00 PM	80 hrs	Anzala,Bilal
62	 Develop backend	1 wk	Thu 01/07/21 08:00 AM	Wed 01/13/21 05:00 PM	80 hrs	Anzala,Bilal
63	 Scrum Testing	4 days	Thu 01/14/21 08:00 AM	Tue 01/19/21 05:00 PM	64 hrs	Anzala,Bilal
64	<b>Sprint 6 (Integration)</b>	<b>17 days</b>	<b>Mon 01/11/21 08:00 AM</b>	<b>Tue 02/02/21 05:00 PM</b>	<b>544 hrs</b>	
65	 Integrate modules	9 days	Mon 01/11/21 08:00 AM	Thu 01/21/21 05:00 PM	288 hrs	Anzala,Bilal,Maham,Mut
66	 Test integration	2 days	Fri 01/22/21 08:00 AM	Mon 01/25/21 05:00 PM	64 hrs	Anzala,Bilal,Maham,Mut
67	 Incorporate modifications in code	1 wk	Tue 01/26/21 08:00 AM	Mon 02/01/21 05:00 PM	160 hrs	Anzala,Bilal,Maham,Mut
68	 Re-test code	1 day	Tue 02/02/21 08:00 AM	Tue 02/02/21 05:00 PM	32 hrs	Anzala,Bilal,Maham,Mut
69	 Obtain Approval to proceed	1 day	Wed 02/03/21 08:00 AM	Wed 02/03/21 05:00 PM	0 hrs	
70	<b>Release</b>	<b>33.5 days</b>	<b>Thu 02/04/21 08:00 AM</b>	<b>Tue 03/23/21 12:00 PM</b>	<b>408 hrs</b>	
71	<b>Training</b>	<b>9 days</b>	<b>Thu 02/04/21 08:00 AM</b>	<b>Tue 02/16/21 05:00 PM</b>	<b>96 hrs</b>	
72	 Develop training specifications	3 days	Thu 02/04/21 08:00 AM	Mon 02/08/21 05:00 PM	48 hrs	Maham,Mubarra
73	 Identify training delivery	1 day	Tue 02/09/21 08:00 AM	Tue 02/09/21 05:00 PM	8 hrs	Maham
74	 Develop training materials	1 wk	Wed 02/10/21 08:00 AM	Tue 02/16/21 05:00 PM	40 hrs	Mubarra
75	<b>Documentation</b>	<b>24 days</b>	<b>Wed 02/17/21 01:00 PM</b>	<b>Tue 03/23/21 12:00 PM</b>	<b>312 hrs</b>	
76	 Develop user manuals	3 wks	Wed 02/17/21 01:00 PM	Wed 03/10/21 12:00 PM	240 hrs	Anzala,Bilal
77	 Review all user documentation	2 days	Wed 03/10/21 01:00 PM	Fri 03/12/21 12:00 PM	16 hrs	Bilal
78	 Incorporate user documentation feedback	2 days	Fri 03/12/21 01:00 PM	Tue 03/16/21 12:00 PM	16 hrs	Anzala
79	 Develop final report	5 days	Tue 03/16/21 01:00 PM	Tue 03/23/21 12:00 PM	40 hrs	Mubarra
80	<b>Production</b>	<b>11.5 days</b>	<b>Wed 03/17/21 08:00 AM</b>	<b>Thu 04/01/21 12:00 PM</b>	<b>80 hrs</b>	
81	<b>Pilot</b>	<b>11.5 days</b>	<b>Wed 03/17/21 08:00 AM</b>	<b>Thu 04/01/21 12:00 PM</b>	<b>72 hrs</b>	
82	 Identify test group	1 day	Wed 03/17/21 08:00 AM	Wed 03/17/21 05:00 PM	16 hrs	Bilal,Maham
83	 Install/deploy software	1 day	Tue 03/23/21 01:00 PM	Wed 03/24/21 12:00 PM	0 hrs	
84	 Obtain user feedback	1 wk	Wed 03/24/21 01:00 PM	Wed 03/31/21 12:00 PM	40 hrs	Bilal
85	 Evaluate testing information	1 day	Wed 03/31/21 01:00 PM	Thu 04/01/21 12:00 PM	16 hrs	Anzala,Mubarra
86	<b>Deployment</b>	<b>2 days</b>	<b>Tue 03/30/21 08:00 AM</b>	<b>Wed 03/31/21 05:00 PM</b>	<b>8 hrs</b>	
87	 Develop deployment methodology	1 day	Tue 03/30/21 08:00 AM	Tue 03/30/21 05:00 PM	8 hrs	Mubarra
88	 Deploy software	1 day	Wed 03/31/21 08:00 AM	Wed 03/31/21 05:00 PM	0 hrs	
89	<b>Retirement</b>	<b>0 days</b>	<b>Mon 04/05/21 08:00 AM</b>	<b>Mon 04/05/21 08:00 AM</b>	<b>0 hrs</b>	
90	 Post implementation review complete	0 days	Mon 04/05/21 08:00 AM	Mon 04/05/21 08:00 AM	0 hrs	Anzala,Bilal,Maham,Mut