| PROJECT TITLE | Leverage Population Health Data To Improve Patient Adherence In Community Referral | | | | | TEAM NAME | Devs on FHIR |
| ROLES | **PM:** Xia Lee, **Devs:** Dhruv Saksena, Liz Coviello, **QA:** Venu Shankar | | | | | DATE | Dec 3, 2017 |

Phases: PHASE ONE — WEEK 1 (10/2 - 10/8) · PHASE TWO — WEEK 2 (10/9 - 10/15), WEEK 3 (10/16 - 10/22) · PHASE THREE — WEEK 4 (10/23 - 10/29), WEEK 5 (10/30 - 11/5), WEEK 6 (11/6 - 11/12), WEEK 7 (11/13 - 11/19) · PHASE FOUR — WEEK 8 (11/20 - 11/26) · PHASE FIVE — WEEK 9 (11/27 - 12/3) · Post-Project (12/4 - 12/7)

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	TEAM DUE DATE	COURSE DUE DATE	DURATION	PCT OF TASK COMPLETE	COMPLETED DAYS
1	Project Initiation & Planning (Deliverable 1)							
1.1	Team meeting with mentor(s)	All	10/7/17	10/7/17	10/8/17	2	100%	2.00
1.2	Research on business problem, benefits, solutions.	All	10/2/17		10/8/17	7	100%	7.00
1.3	Market research	All	10/2/17		10/8/17	2	100%	2.00
1.4	Prepare initial Gantt Chart for D1	Xia	10/2/2017		10/8/17	7	100%	7.00
1.5	**D1: Team Topic Presentation (narrator: Xia)**	All	10/7/17		10/8/17	2	100%	2.00
2	Project Technical Design & Planning (Deliverable 2)							
2.1	Create Trello project board	Xia	10/9/17	10/15/17	10/18/17	10	100%	10.00
2.2	Research FHIR capabilities relevant to project	All	10/9/17	10/18/17	10/22/17	14	100%	14.00
2.3	Detailed functional requirements	Xia	10/9/17	10/18/17	10/22/17	14	100%	14.00
2.4	Technical requirements	Liz	10/9/17	10/18/17	10/22/17	14	100%	14.00
2.5	Create wireframe mockups	Venu	10/13/17		10/22/17	10	100%	10.00
2.6	Technical design and architecture	Dhruv	10/13/17	10/21/17	10/22/17	10	100%	10.00
2.7	Project Status Report (R1)	All (Individual)	10/15/17		10/15/17	1	100%	1.00
2.8	Update Gantt Chart for D2	Xia	10/20/17	10/21/17	10/22/17	3	100%	3.00
2.9	**D2: Team Technical Presentation (narrator: Venu)**	All	10/20/17		10/22/17	3	100%	3.00
3	Project Implementation & Development (Deliverable 2-4)							
3.1	Environment setup	Dhruv & Liz	10/25/17		10/29/17	5	100%	5.00
3.2	Mock up population health data	Venu	10/23/17		10/29/17	7	100%	7.00
3.3	Project Status Report (R2)	All (Individual)	10/29/17		10/29/17	1	100%	1.00
3.4	Create C3/D3 chart templates	Liz	10/30/17		11/4/17	5	100%	5.00
3.5	Creating initial app backend Docker container	Dhruv	10/30/17		11/4/17	5	100%	5.00
3.6	Mock up FHIR patient data	Xia	10/30/17		11/4/17	5	100%	5.00
3.7	Incorporate TA-provided sample data into FHIR server	Xia	10/30/17		11/12/17	13	100%	13.00
3.8	Further implementation	Dhruv & Liz	10/30/17		11/12/17	13	100%	13.00
3.9	Initial Prototype and Demo	Dhruv & Liz	10/30/17		11/4/17	5	100%	5.00
3.10	Implement CDS Hooks connection	Venu	11/4/17		11/8/17	5	100%	5.00
3.11	Project Status Report (R3)	All (Individual)	11/4/17		11/5/17	2	100%	2.00
3.12	Continue implementation/refinement of frontend and charts	Liz	11/4/17		11/19/17	16	100%	16.00
3.13	Continue implementation/refinement of backend	Dhruv	11/4/17		11/19/17	16	100%	16.00
3.14	Determine project submission method	Xia	11/8/17		11/26/17	19	100%	19.00
3.15	Update Gantt Chart for D3	Xia	11/11/17		11/11/17	1	100%	1.00
3.16	Mock up referral form	Liz	11/11/17		11/19/17	9	100%	9.00
3.17	Display JSON ReferralRequest object after submitting referral	Venu	11/11/17		11/19/17	9	100%	9.00
3.18	**D3: Team Progress Report (narrator: Liz)**	All	11/10/17		11/12/17	3	100%	3.00
3.19	Project Status Report (R4)	All (Individual)	11/19/17		11/19/17	1	100%	1.00
3.20	Add mock population health data for different cohorts	Dhruv	11/20/17		11/25/17	6	100%	6.00
3.21	Update mock patient data as needed	Xia	11/20/17		11/25/17	6	100%	6.00
3.22	Update referral form with more fields and auto-complete	Liz	11/20/17		11/25/17	6	100%	6.00
3.23	Have referral form submission return a ReferralRequest JSON object	Liz	11/20/17		11/25/17	6	100%	6.00
3.24	Review and Rework	Venu	11/20/17		11/26/17	7	100%	7.00
4	Project Testing & Launch (Deliverable 4)							
4.1	Link all project services with docker-compose	Xia	10/30/17		11/26/17	27	100%	27.00
4.2	Testing	Venu	10/30/17		11/26/17	27	100%	27.00
4.3	Bug Fixing and rework	Dhruv & Liz	10/30/17		11/26/17	27	100%	27.00
4.4	Demo	Dhruv & Liz	12/3/17		12/3/17	1	100%	1.00
4.5	Update Gantt Chart for D4	Xia	12/1/17	12/2/17	12/3/17	3	100%	3.00
4.6	**D4: Team Final Project Presentation (narrator: Dhruv)**	All	11/29/17		12/3/17	5	100%	5.00
5	Project Final Submission (Deliverable 5)							
5.1	Project Status Report (R5)	All (Individual)	11/26/17		11/26/17	1	100%	1.00
5.2	Write documentation	All	11/27/17		12/3/17	7	100%	7.00
5.3	Update Gantt Chart for D5	Xia	12/1/17	12/1/17	12/3/17	3	100%	3.00
5.4	**D5: Final Project Submission**	All	12/1/17	12/1/17	12/3/17	3	100%	3.00
5.5	Upload code to CDC repository	Venu	12/4/17		12/7/17	4	0%	0.00