UDACITY

Minimum Viable Product

REVIEW
HISTORY

Meets Specifications

Congratulations! 🏆

You have done great work on the project,

- You did great in articulating the Vision and Roadmaps in an excellently.
- You also excellently built releases which are put in a rational sequence, all user stories are put in an excellent sequence.
- User Stories and Acceptance Criteria are well laid.
- Minimum Viable Product is perfectly introduced.

Further reading:

- A Review Of The Minimum Viable Product Approach
- Product Roadmap vs. Release Plan

I hope you have enjoyed working on the project and have learned new skills.

Wish you all the best with what you have ahead.

Good luck and have a great day.

Vision and Roadmaps

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- The vision statement includes your target audience or market.
- The vision statement states what outcome or impact you are attempting to achieve.

- The vision provides direction and defines what the product is attempting to achieve.

The vision is perfect. All the components are there, the target market/audience, the impact of the work, and the direction of the product.

The vision statement is a great way to define what is trying to achieve and how meaningful the goal is.

Product Vision

Instructions for the Product Vision: Create a vision for the product. The vision should include the intended target market or population and the outcome you are attempting to achieve.

Product Vision	Our mission is to help all the people in the US by tracking the spread of the virus.

Further reading:

- MVP VISION

✓

- The simpler to implement components are prioritized ahead of the simpler to use components.
- All product features are placed in a phase of the roadmap.
- Each phase includes at least one justification statement.

All the features are placed in a proper phase. All features are in a rational order.

All product features are placed in a phase of the roadmap and each phase includes at least one justification statement.

Product Roadmap

Instructions for the Product Roadmap Justifications: After creating the product roadmap, choose 1 feature in each phase and provide a simple justification for placing that feature into the phase that you put it in.

Phase	Feature	Justification
1	Authentication- Login/Logout	Without this feature almost no other feature of the product can be implemented. This is the core functionality, arguably the most important and most critical of all.
2	Basic Dashboard with heatmap display	Once the possibility of reporting virus infection is implemented the next steps are all around making crucial use of the gathered data. Showing heat maps of the outbreak is of utmost relevance for its containment.
3	Develop Android Compatible Mobile App	In order to face a global pandemic the possibility of using mobile devices is amust in order to allow users to easily and quickly report infections.
4	In-App messaging for Doctors and Patients	Allowing patients to stay in touch with doctors from wherever they are not only allows to get recommendation and constant check on the received treatments but also preserves the doctors from infections

	A	B	C	D	E
1	Instructions: Based on the scenario, place the Product Features into the phases on the Product Roadmap.				
2	**Product Feature List**	**Phase 1**	**Phase 2**	**Phase 3**	**Phase 4**
3	Initial Architecture/Database Setup & Design	Initial Architecture/Database Setup & Design	Basic Dashboard with heatmap display		
4	Develop iOS Compatible Mobile App			Develop iOS Compatible Mobile App	
5	Develop Android Compatible Mobile App			Develop Android Compatible Mobile App	
6	Develop Web Portal application		Develop Web Portal application		
7	Upgrade Database			Upgrade Database	
8	Security Update				Security Update
9	Manual Importing	Manual Importing			
10	Automated Integration for Importing				Automated Integration for Importing
11	Mobile App User Interface Refinement			Mobile App User Interface Refinement	
12	Authentication- Login/Logout	Authentication- Login/Logout			
13	Basic Dashboard with heatmap display				
14	Basic Data Searching Capability	Basic Data Searching Capability			
15	Automated Amber Alerts				Automated Amber Alerts
16	Customizable/Interactive Dashboard with heatmaps, bar charts, and zooming				Customizable/Interactive Dashboard with heatmaps, bar charts, and zooming

17	User Based Preferences- Save Search & Reports			User Based Preferences- Save Search & Reports			
18	Web Portal Redesign					Web Portal Redesign	
19	Export CSV of Reported Data			Export CSV of Reported Data			
20	Send Manual Amber Alerts by Region	Send Manual Amber Alerts by Region					
21	Web Report of Data (View only no Export)			Web Report of Data (View only no Export)			
22	In-App messaging for Doctors and Patients						In-App messaging for Doctors and Patients
23							

Further reading:

- [Agile Prioritization Techniques](#)
- [Product Roadmaps](#)

Release Planning

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- The release plan is ordered for a sequential implementation.
- The user features throughout the releases are prioritized based upon the value needed by each user.
- The user features throughout the releases are prioritized by their interactions/dependencies on each other.
- The release plan results in a workable product.

All the releases are put in a rational sequence, all user stories are put in an excellent sequence considering their interactions/dependencies on each other.

Well done prioritizing the access point as noted previously.

Releases	Sprints	User Story	Story Points
		Instructions: Create a Release & MVP Plan in this sheet.	
Release 1- MVP	Sprint 1	As a System Administrator I can give access to the system so that users can	2
		As a System Administrator I can remove access so that users are not able to access the	3
		As a System Administrator I can can change user permission so that every user has the	3
	Sprint 2	As a Healthcare Company I can add the number of test kits produced so that the CDC can	5
		As a CDC Official I can see a report of the # of test kits that health care companies have	0.5
		As a Patient I can report that I contracted the virus so that data is accurate.	2
		As a Medical Examiner I can report a death caused by the virus so that data is accurate.	0.5
	Sprint 3	As a CDC Official I can view the number of patients that have reported testing positive so	5
		As a CDC Official I can see the heat maps of the outbreak so that new proactive strategies	2
		As a Test Center I can update/change the number of test kits recieved so that data is	1
Release 2	Sprint 4	As a Doctor I can login to the system so that I can enter patient treatment information.	5
		As a Doctor I can add the name of patients I have treated so that I can add treatments .	0.5
		As a Doctor I can write and update successful treatment remedies so that data is accurate.	1
		As a Doctor I can write and update professional medical advice that will be available to	1
		As a Medical Examiner I can attach medical exams to a death report so that proof of the	0.5
	Sprint 5	As a Patient I can change my test results so that the system data is accurate.	1
		As a Patient I can read general advice written by professionals so that I always have a	2
		As a Test Center I can I want to be notified when my stock falls before a certain level, so	2
		As a Healthcare Company I can report a change in the expected future production of tests	1
		As a Healthcare Company I can provide data about test deliveries so that the CDC can	3
Release 3	Sprint 6	As a Medical Examiner I can add a person's gender so that deaths can be tracked by	3
		As a Medical Examiner I am automatically logged out of the system so that no one can	5
	Sprint 7	As a CDC Official I can send funding to a specific area so that funds can be used to stop	2
		As a System Administrator I can monitor the health status of the system so that it is easier	0.5
		As a Test Center I can can check the ETA of new test kits from Healthcare Company so	5

Further reading:

- [The Simple Rule for Feature Prioritization](#)

User Stories and Acceptance Criteria

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- The user stories should be written in the format: As a <user> I can do <blank> so that <blank>.

- User stories describe actions that a user can take to perform their role.
- User stories describe benefits that a user receives from the product.
- The User Stories tab includes at least 2 more user stories for each of the given 7 roles for a total of 28 stories.
- Justification is provided for 1 User Story included in the MVP and 1 User Story not included in the MVP.

All user stories must be in a persona based format. There are 30 user stories, you have build well formatted excellent user story that help build great product. Features are easily readable and understood, and not too detailed or complex.

	A	B	C	D	E
1	**Instructions:** Create User Stories and Acceptance Criteria in the sheet using the 7 user roles that have been identified in the yellow user role tab.				
2	As a..	...I can...	...so that...	Completed User Story	Acceptance Criteria (Minimum of 2)
3	CDC Official	view the number of patients that have	so that I can analyze the outbreak	As a CDC Official I can view the number of patients	-Patient names are anonymous
4	CDC Official	see a report of the # of test kits that health	that I can send funding	As a CDC Official I can see a report of the # of test	-User can see a summary of the total number of test kits
5	Doctor	add the name of patients I have treated	I can add treatments	As a Doctor I can add the name of patients I have	-Alpha Numeric characters are allowed
6	Doctor	login to the system	I can enter patient treatment information	As a Doctor I can login to the system so that I can	-User name and email address required
7	Healthcare	add the number of test kits produced	the CDC can determine where test kits should be sent	As a Healthcare Company I can add the number of	-Only numeric characters allowed
8	Healthcare	reset my password by myself	that I can login again.	As a Healthcare Company I can reset my password	-User must verify email address
9	Medical	add a person's gender	deaths can be tracked by gender	As a Medical Examiner I can add a person's gender	-User can select from list of genders
10	Medical	am automatically logged out of the system	no one can access my account	As a Medical Examiner I am automatically logged out	-Timeout occurs after 15 mins of inactivity
11	Patient	change my test results	the system data is accurate	As a Patient I can change my test results so that	-User can modify test results twice
12	Patient	enter any stores that I visited 3 days before	others are aware of their potential exposure to the virus	As a Patient I can enter any stores that I visited 3	-Option only visible for patients that report positve test
13	System	give access to the system	users can access,import, share data.	As a System Administrator I can give access to the	-First and Last Name required
14	System	remove access	users are not able to access the system	As a System Administrator I can remove access so	-Removed user recieves email confirmation of removal
15	Test Center	update/change the number of test kits	data is accurate	As a Test Center I can update/change the number of	-Only allow update one time
16	Test Center	I want to be notified when my stock falls	I can proactively order additional testing supplies	As a Test Center I can I want to be notified when my	-System notifies user by email
17	Patient	report that I contracted the virus	data is accurate	As a Patient I can report that I contracted the virus so	1) System confirms the report to the user by email 2) System explains
18	Patient	read general advice written by professionals	I always have a medical reference about symptoms and potential cure / behavior to adopt	As a Patient I can read general advice written by	1) System allows to search for the symptoms 2) System provides a ho'
19	CDC Official	see the heat maps of the outbreak	new proactive strategies can be planned accordingly	As a CDC Official I can see the heat maps of the	1) User can search for town / area, System will show it on the
20	CDC Official	send funding to a specific area	funds can be used to stop the virus spreading in that area	As a CDC Official I can send funding to a specific	1) User can start the fund sending process directly from the
21	Doctor	write and update successful treatment	data is accurate	As a Doctor I can write and update successful	1) User can report the number of death caused by virus 2) User
22	Doctor	write and update professional medical advice	caregivers will have a medical reference about symptoms and potential cure / behavior to	As a Doctor I can write and update professional	1) User can create / update / delete the provided medical
23	Healthcare	report a change in the expected future	the CDC can take corrective actions in advance	As a Healthcare Company I can report a change in	1) Healthcare company can report a problem in production that
24	Healthcare	provide data about test deliveries	the CDC can arrange appointments for tests also according to future test capacity	As a Healthcare Company I can provide data about	1) Healthcare company can report ETA for a test, also
25	Medical	report a death caused by the virus	data is accurate	As a Medical Examiner I can report a death caused	1) User can report a of death caused by virus 2) User can
26	Medical	attach medical exams to a death report	proof of the diagnosis is included	As a Medical Examiner I can attach medical exams	1) User can attach to a report of death clinical exams results 2)
27	System	monitor the health status of the system	it is easier and quicker to frame and solve issues	As a System Administrator I can monitor the health	1) User can access a monitoring page 2) User can set email
28	System	can change user permission	every user has the set of permissions needed for their specific tasks	As a System Administrator I can change user	1) User can list all the system users and see their current
29	Test Center	can check the ETA of new test kits from	tests in the storage never under a certain level	As a Test Center I can can check the ETA of new	1) User can check the ETA of kits from Healthcare companies
30	Test Center	can report a not solvable low level of tests to	CDC can arrange future tests accordingly	As a Test Center I can can report a not solvable low	1) User can report a temporarily not solvable low number of

Further reading:

- How to write a user story

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- The acceptance criteria give parameters for building the user story.
- The acceptance criteria do not tell how the user story should be implemented.
- The are at least 2 acceptance criteria for each user story.

You have provided excellent acceptance criteria, are all tightly related to the user stories, giving clear parameters of the user stories, not too detailed or complex, and well articulated.

A good number of the acceptance criteria for each user story are included.

The acceptance criteria are related to the user story for which it is written.

E
Acceptance Criteria (Minimum of 2)
-Patient names are anonymous
-User can see a summary of the total number of test kits
-Alpha Numeric characters are allowed
-User name and email address required
-Only numeric characters allowed
-User must verify email address
-User can select from list of genders
-Timeout occurs after 15 mins of inactivity
-User can modify test results twice
-Option only visible for patients that report positve test
-First and Last Name required
-Removed user recieves email confirmation of removal
-Only allow update one time
-System notifies user by email
1) System confirms the report to the user by email 2) System explains t
1) System allows to search for the symptoms 2) System provides a hotl
1) User can search for town / area, System will show it on the
1) User can start the fund sending process directly from the
1) User can report the number of death caused by virus 2) User
1) User can create / delete / update the provided medical
1) Healthcare company can report a problem in production that
1) Healthcare company can report ETA for a test, also
1) User can report a of death caused by virus 2) User can
1) User can attach to a report of death clinical exams results 2)
1) User can access a monitoring page 2) User can set email
1) User can list all the system users and see their current
1) User can check the ETA of kits from Healthcare companies
1) User can report a temporarily not solvable low number of

Further reading:

- User stories: a beginner's guide to acceptance criteria

Minimum Viable Product (MVP)

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- The most-critical-for-success, highest value user stories are prioritized first.
- The MVP plan actually delivers the critical needs of each user.
- The MVP plan gives each user the minimum functionality needed to interact with the product as intended.
- The MVP includes features/user stories that are not critical only if the critical needs have also been met.
- Justification is provided if a non-critical feature/user story is included but a critical feature/user story is delayed

until the next release.

The MVP is excellently built.

It delivers the critical needs of each user.
It make logical sense and the critical functions for each of the product's users are included in the MVP release.
All the scenario responses are rational and well articulated.

Further reading:

- How to Plan a Minimum Viable Product: a Step-By-Step Guide

⬇ DOWNLOAD PROJECT

RETURN TO PATH

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START