



# HealthCare Management System Project Plan

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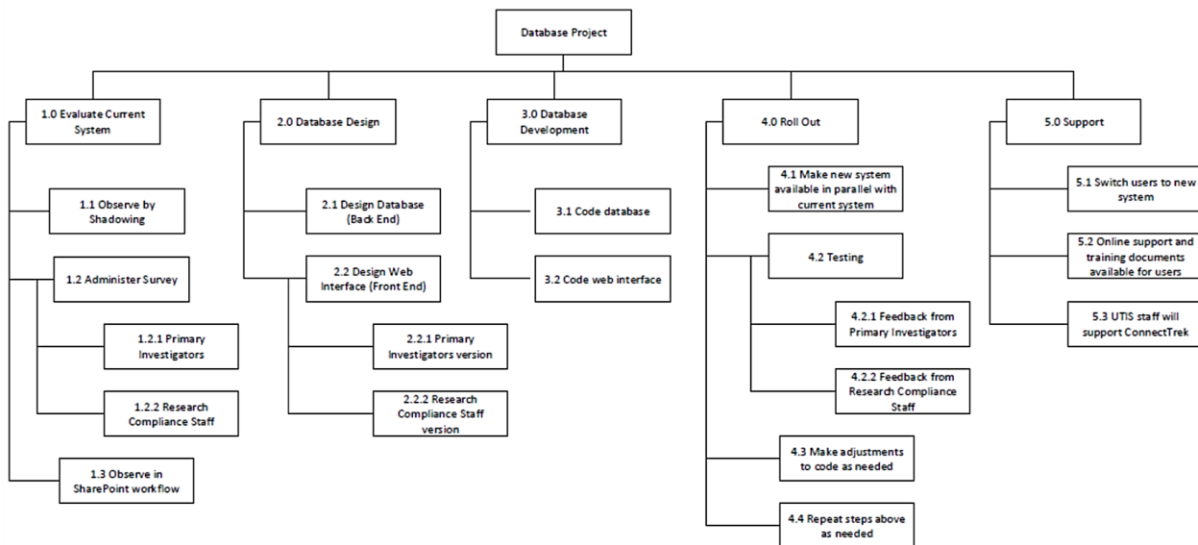
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# 1. PROJECT PLAN

## 1.1. Work Breakdown Structure (WBS)

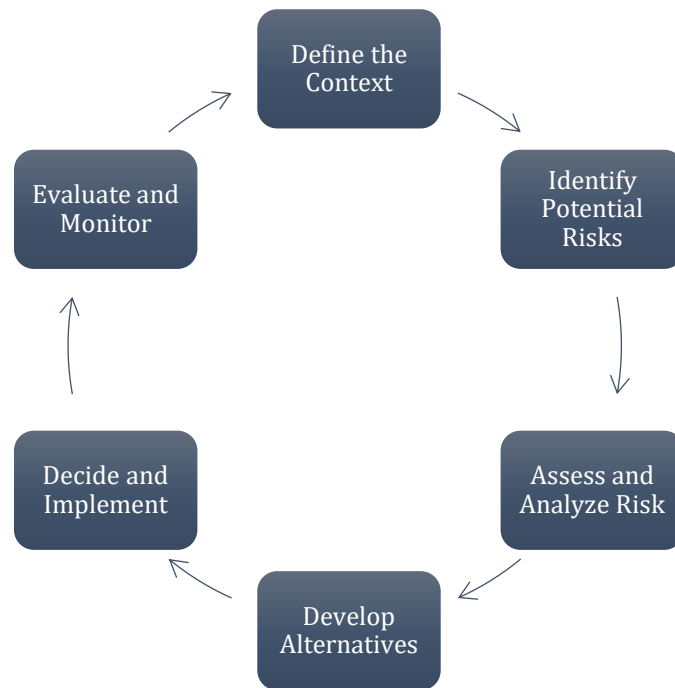


## 1.2. Time Management

ID	Quarter	Task Name	Duration	Start	Finish
0		<b>Healthcare Management System</b>	<b>19 weeks</b>	<b>January 13</b>	<b>May 11</b>
1	Q1	<b>1 Evaluating Current System</b>	<b>3 weeks</b>	<b>01/13/20</b>	<b>02/03/20</b>
2		1.1 Observe Current System			
3	Q1	<b>1.2 Administer Surveys</b>	<b>3 weeks</b>	<b>01/13/20</b>	<b>02/03/20</b>
4		1.2.1 Primary Investigators			
5		1.2.2 Research Compliance			
6		1.3 Observe current system			
7	Q1 & Q2	<b>2 Database Design</b>	<b>7 weeks</b>	<b>02/10/20</b>	<b>03/23/20</b>
8		2.1 Design Database (Back End)			
9	Q1 & Q2	<b>2.2 Design Web Interface (Front End)</b>	<b>7 weeks</b>	<b>02/10/20</b>	<b>03/23/20</b>
10		2.2.1 Primary Investigators Version			
11		2.2.2 Research Compliance Version			
12	Q2	<b>3 Database Development</b>	<b>2 weeks</b>	<b>03/23/20</b>	<b>04/06/20</b>
13		3.1 Code Database			
14		3.2 Code Web Interface			
15	Q2	<b>4 Roll Out</b>	<b>2 weeks</b>	<b>03/23/20</b>	<b>04/06/20</b>
16		4.1 Make New System Available in Parallel to current system			
17	Q2 & Q3	<b>4.2 Test</b>	<b>5 weeks</b>	<b>03/23/20</b>	<b>05/04/20</b>
18		4.2.1 Feedback from Primary Investigators			
19		4.2.2 Feedback from Research Compliance Staff			
20		4.3 Adjustments to code if needed			
21		4.4 Repeat steps 4.1 - 4.3 as needed			
22	Q3	<b>5 Support</b>	<b>1 week</b>	<b>05/04/20</b>	<b>05/11/20</b>

## 1.3. Risk Management

### 1.3.1. Risk Management Process



### 1.3.2. Risk Register

<b><i>Risk Category</i></b>	<b><i>Description of Risk</i></b>	<b><i>Potential Impact on Project</i></b>
Strategic Risk	Technological Changes	Unable to reach company goals
Compliance Risk	Occurring and maintaining compliance	Lose clients due to a failure to adhere to regulations
Operational Risk	Risks stemming from internal and external events	Loss of revenue and damage on the reputation
Financial Risk	Money flow	Sudden financial loss
Reputational Risk	Reputation	Loss of clients and revenue

### 1.3.3. Qualitative Risk Analysis

#### Probability of Occurrence Approach

- Very likely: 76 – 100%
- Likely: 51 – 75%
- Moderate: 26 – 50%
- Unlikely: 0 – 25%

#### Potential Impact Analysis

- Critical: Risk that has the potential to greatly influence project cost, project schedule, performance, or compliance with laws or governing standards.
- Major: Risk that has potential to significantly impact project cost, project schedule or performance
- Moderate: Risk that has potential to moderately impact project cost, project schedule or performance
- Minor: Risk that has potential to slightly impact on cost, schedule or performance

<i><b>Risk Category</b></i>	<i><b>Probability of Occurrence</b></i>	<i><b>Potential Impact</b></i>
Strategic Risk	likely	major
Compliance Risk	unlikely	critical
Operational Risk	very likely	moderate
Financial Risk	very likely	critical
Reputational Risk	moderate	major

### 1.3.4. Probability and Impact Matrix

		<b>Impact</b>			
		Minor	Moderate	Major	Critical
<b>Probability</b>	Very likely		Operational risk		Financial risk
	Likely			Strategic risk	
	Moderate			Reputational risk	
	Unlikely				Compliance risk

## 2. PROJECT CORDINATION AND PROGRESS REPORT

The next task at hand is system alterations. We have moderated usability tests on the new system to receive feedback from associates to make any changes to the system. The lead technical support team from our partnered healthcare facility will be asked to fill out a questionnaire and will go through a usability test with a moderator to receive feedback on the system as well. After feedback, some of the code may be altered to fit the needs of the feedback.

Task	Q1 2020		Q2 2020		Q3 2020	
	Jan 20	Feb 20	Mar 20	Apr 20	May 20	
Evaluating Current System (System planning)						
Database and Web Interface Design (System Requirements)						
Database development (System Design)						
Roll Out (First Demo)						
Test (System Alterations)						
Support (Second Demo)						