Alexia Diaz  
PROJECT PROBLEM

04/04/2020

# Overview

## Project Problem and Description

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| --- | --- |
|  | Describe the real-world problem you have selected for your project and give background on the issue.  Teen Depression and Suicide  Adolescent depression is a serious problem that has gotten some national attention. Adolescent depression affects 10.7% of all teens and 29.9% of high school students. Identifying depression in teenager can be very tricky and getting early intervention is key for an adolescent to beat this issue. The recommended analysis would help predict and identify which children are most likely to have depression  K;, K. M. K. (n.d.). *Teen Depression and Suicide, A SILENT CRISIS*. Journal of Christian nursing : a quarterly publication of Nurses Christian Fellowship. https://pubmed.ncbi.nlm.nih.gov/27119802/. |

## Project Scope

|  |  |
| --- | --- |
|  | Project scope defines the boundaries of a project. Think of the scope as an imaginary box that will enclose all the project elements/activities. It not only defines what you are doing (what goes into the box), but it sets limits for what will not be done as part of the project (what doesn’t fit in the box). Scope answers questions including what will be done, what won’t be done, and what the result will look like. |

In Scope: Identify teenagers that will most likely have depression  
Out of Scope: Predicting which teenagers that are depressed will commit suicide

## Data Sources / Data Elements

|  |  |
| --- | --- |
|  | Provide the data sources and the data elements you will need to analyze the problem you have identified. |

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| Data Source | Data Element | Purpose |
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## Analysis

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| --- | --- |
|  | List the analysis you plan to do of the data, if you plan to create a predictive model, etc. |

## Assumptions/Constraints

|  |  |
| --- | --- |
|  | List any assumptions/constraints you are anticipating when analyzing this problem |

## Benefits

|  |  |
| --- | --- |
|  | Outline the benefits that would be realized from this analysis being performed |

## Risks

|  |  |
| --- | --- |
|  | Outline any known risks that might be realized from this analysis being performed |

## Business Process Changes

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| --- | --- |
|  | This might not be applicable, but if this is to an existing business process, identify any changes or workflow modifications that will occur |

## High-Level Timeline/Schedule

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| --- | --- |
|  | Describe what the high level timeline/schedule will be to plan, design, develop and deploy the project. Generally, by when do you expect this project to be finished? |

## Recommendation

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| --- | --- |
|  | Based on what you have identified, do you want to recommend proceeding with the project? If not, outline why you do not think you are ready to proceed. |

## Proposed Solution

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| --- | --- |
|  | If you have already started thinking of a way to solve the problem, should your analysis prove true – identify an initial solution. If you aren’t recommending proceeding, you likely don’t have a solution yet, which is okay. |

# Approval and Authority to Proceed

We approve the project as described above, and authorize the team to proceed.

|  |  |  |
| --- | --- | --- |
| Name | Title | Date |
| Your Name |  |  |
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| Approved By |  |  | Date |  | Approved By |  |  | Date |