**HELPFUL TEMPLATE FOR RESEARCH PROPOSAL**

**Student IDs:**

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**Student Name(s):**

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Select a Main Topic: (A topic related to hot topics of software from the suggested list on Canvas)

**Topic:**

**Research Proposal Title (3-15 words):**

Alzheimer Pre-diagnosis mobile application

**Describe the issue/problem/opportunity of the proposal?**

Formulating the Questions for screening on Alzheimer patients filled by healthier person (Care taker to a patient(s)).

Problem for the paper-based forms and web forms are too time consuming and cost involved.

Opportunity for the building the application will be useful for the Patients or care taker and Physicians.

Those who are doubting that they are on the verge of Alzheimer in that case a healthier person can use this application while will save money before visiting physicians.

**Aim and Objectives (1 aim and multiple objectives)**

**AIM:**

Alzheimer Screening based on the questions and its score for Pre-diagnosis

**Objectives:**

1. Development of iOS application with database on SQL Server
2. Knowing the severity of the Alzheimer

**Users:**

Healthier persons and Care takers to patients

**Scope of your research (try to make it narrow):**

Scope is limited to develop an Alzheimer Pre-diagnosis mobile app can be used by a healthier person or a care taker to a patient based on the score the app will suggest he has Alzheimer traits or not. Other issues such as Physician related results will be out of scope.

**What software methodology will be used and why? Resources needed.**

Rapid Application Development methodology for Pre-diagnosis for Alzheimer

**What research question(s) are you trying to answer (only 1 question?)**

Can building pre- diagnosis app for Alzheimer will improve accessibility and efficiency?