

# DTL Phase Two 2023

## Seattle Team 6

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## Background to Need statements

### Background:

We are focused on **inequality in education**, for **underserved communities** compared to socially advantaged ones, researching about differences in the government's support for different districts.

We chose this issue because there are schools around **Eastern and Southern Washington** who doesn't have the adequate resources for their students to learn and succeed, as this was a topic that we were passionate about, we chose it to find a way to assist those kids in need to empower them with a better education.

Tools/Techniques: **Scholarly articles** (secondary research), stakeholders (**counselors**), **School Administrators**

# Key insights from research

- 22% of children are **living in poverty** in the US, because of this children in poverty have **50% less vocabulary skills**.
- **Lack of nutrition** from children's homes causes distractions and **low focus levels in classrooms**.
- **Lack of technology** and resources in households, with **uneducated parents** in underserved communities.
- **Staffing shortages** because of low wages from **lack of funds** from the government that **can't support different programs**.



# Final Need Statements

A way to address the lack of education for lower-performing King County students is to help improve their grades.

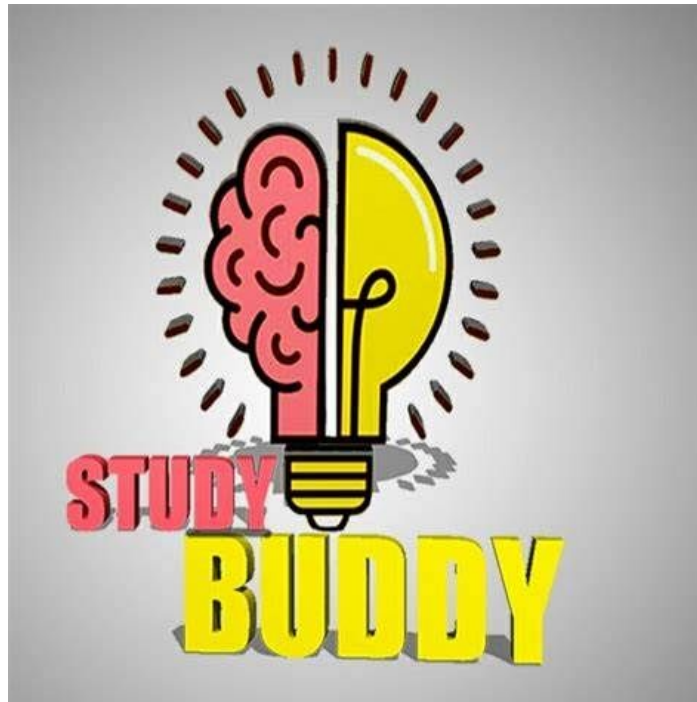
# Key Insights from our Stakeholders

srinivas khedam ji - northshore school assistance principle

- kids have enough passion and drive, they just need resources and
- 
- support through their journey
- 
- create concept of 0 period so they can get help in the morning
- 
- proper nutrition should be provided in order to keep stamina and focus

# Solution 1: Start a Study Buddy Program at School

Prototype 1: With kids that are new to the school, or kids that wants help with their homework, we plan to create a buddy system where these kids can have a study buddy that can help them with their homework.



## Solution 2:

Prototype 1: Create a instagram account with lots of following, with this we can attract kids to also follow, and using statistics that instagram gives out every year we can target the audience that follow us.

Need statement:  
A way to address the  
lack of education for  
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grades.

Frame 1

Hemant:  
Think about  
language  
constraints.

Hemant: Think  
about training  
parents. Parents  
can help their  
own kids to  
improve grades.

Hemant: One way  
to scale is to "train  
the trainers" . You  
train two trainer  
in each school

Create an  
Instagram page  
and post helpful  
info like study tips  
and share to  
schools.

make a YouTube  
channel and post  
daily videos on  
certain topics

make a  
website  
for help

go to every  
school and  
educate  
after school

Write a Comic  
book which  
teaches the  
concepts of  
Math

make custom  
translators for  
math in English  
to different  
languages

make posters  
for topics and  
put that  
around  
schools

tutor kids  
ever every  
day around  
100

create a fake  
company and hire  
kids that need help  
and they will have to  
manage our money  
and with that need  
to learn stats

start a  
language  
program

make a club in  
each school  
for the kids  
who need help

whenever a new kid  
comes to school  
during the year give  
them a friend to  
assist them through  
out the whole day

Make a  
study  
app.

assist teachers  
during class so  
when anyone  
needs help we  
can help them

advertise  
math  
everywhere

Start a study  
buddy  
program at  
school

Educate and let  
communities know  
about the lack of  
education in places  
and how they can  
support and help  
out.

make art  
throughout  
schools with  
different  
educational  
concepts

make kids  
play fun  
education  
games

create  
software with  
ai to detect  
students  
weaknesses

make video  
games for kids to  
play and make  
them full of math  
so they can learn  
at the same time

Fundraise for  
organizations that will  
support and give  
resources for kids who  
are living in a place  
where education needs  
are not met.

Give presentations  
about study tips and  
habits, support...in  
schools that  
education needs  
aren't met.

incorporate  
math into  
leisure time  
such as recess



# Appendix

## Stake holders:

1. Our School Counselors
2. Local non profits
3. Srinivas khedam ji
  - a. Assistant director of northshore school district

## Work Cited (MLA)

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