Group 9 - Project Name: My Child’s Vaccines.

# Importance of vaccinations:

#### Vaccination is the best way for parents to make sure their children are healthy and protected from preventable diseases. Vaccines help protect infants, children, and teens from serious diseases. Getting childhood vaccines means your child can develop immunity against diseases before they come in contact with them. Immunization protects more than your child’s health as it helps to stop the spread of illness to others in your community. This is known as herd immunity or community immunity.

# Inspiration:

#### Infants are at increased risk for infectious diseases because their immune systems have not yet built up the necessary defenses to fight serious infections and diseases. This is why vaccinations start early in life to protect children before they are exposed to these diseases.

#### Children — and adults, too — need more than 1 dose of some vaccines. That’s because it can take more than 1 dose to build enough immunity against a disease. A vaccine’s protection can also fade over time. This is why every dose of a vaccine is important to be given timely.

# Purpose:

#### When vaccinated on time, children have a lower risk of procuring diseases in an early stage of their life. This is a primal responsibility of their parents. In this fast-paced life, keeping a track of the vaccines given to the children is a very tedious job. Therefore, the purpose of this project is to make it easier for the parents to manage their children vaccinations. Our group has come up with an idea to develop a web application to simplify, expedite and organize this process of timely vaccinations.

# Accomplishments:

#### Our web application will provide a one-place solution for users to manage vaccinations. It will allow users to register, update and delete their account information. Also, it will display history and symptoms linked to a particular child and provide recommended schedules based on the age and symptoms.

# Deliverables:

#### By the end of the semester we will create a website which will

# Users:

#### Primary users of our website would be the admin and the child’s guardians, and we can also provide an extended access to doctors (if required in special cases).

# Content:

#### The main content of our website would include vaccine information referred from the following websites: - <https://www.cdc.gov/> and <https://www.vaccines.gov/>

#### Our database will maintain information of the following:

#### User/admin details

#### Guardians

#### Children

#### Vaccines

#### Symptoms