



PROJECT WISH-WA

LOCATION : GOVERNMENT PRIMARY SCHOOL
SIDLAGHATTA TALUK, CHIKKBALLAPUR

INTRODUCTION

“Things that we take for granted are often the most crucial. A desk, or a chair might sound to be the most basic requirement in a school and yet there are hundreds of schools in rural India that are devoid of them. This was an attempt to break that bubble and bring forth a sustainable solution.”

“ **The future of India lies in its villages** ”
- Mahatma Gandiji

For most children in rural India, studying is a luxury. Children in classrooms have to sit on cold floors, bent over their books, trying to read and write. Some children even drop out of school at a very early age and start working at nearby sweatshops.

The goal of the project was to create a low-cost product that would relieve the financial restraints that rural towns face in order to provide study tables that are completely collapsible, easy to transport, and built entirely of bamboo



PROBLEM IDENTIFICATION

Research has shown that when sitting and slouching on the floor, the changes in the lumbar lordosis mostly occur at a vertebral or the segmental level at the lower end of the spine.

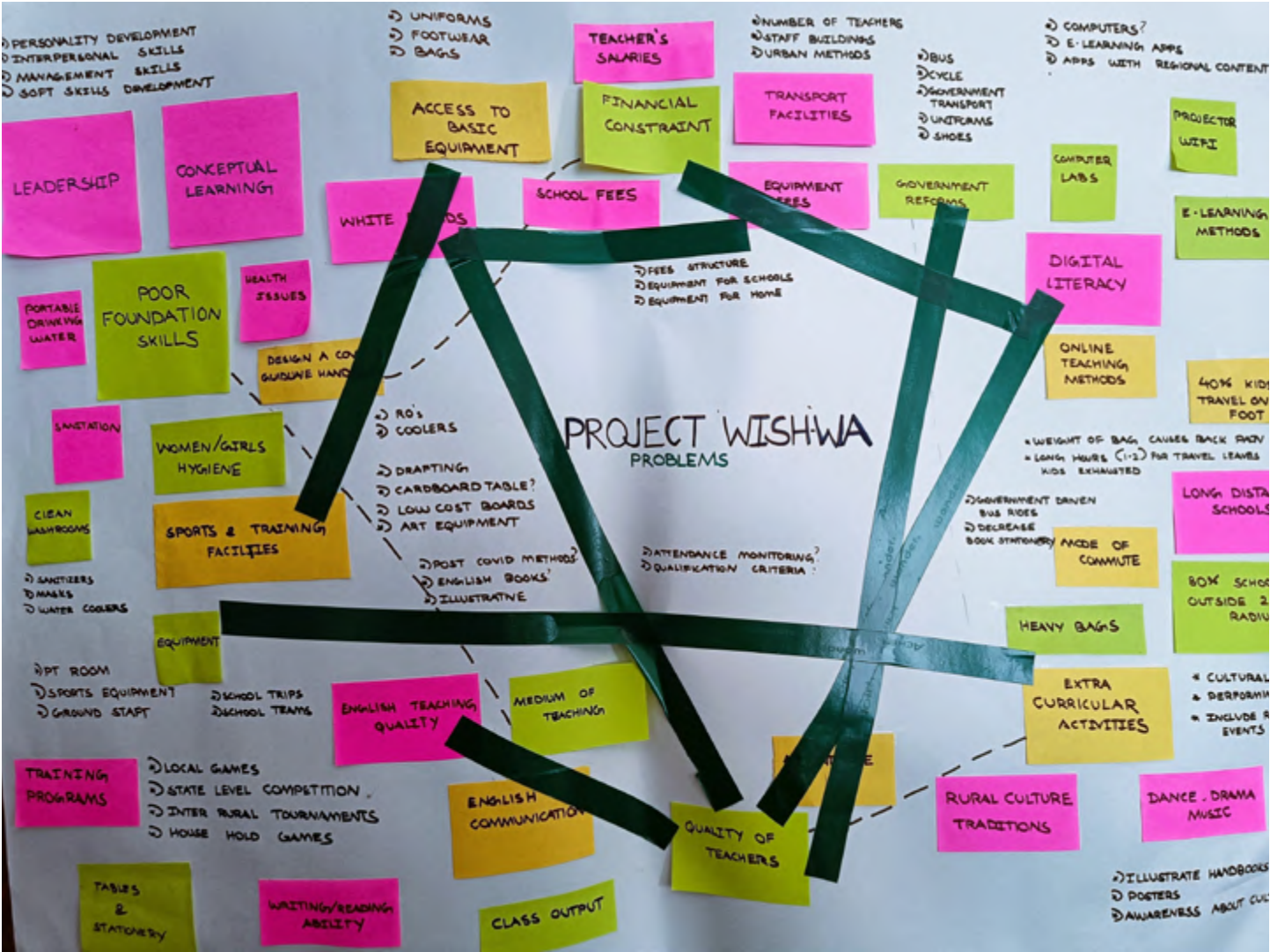
Slouching, slumping, and other types of poor posture can cause muscle tension, as well as back pain, joint pain, and reduced circulation. Poor posture can even lead to breathing issues and fatigue. Slouching can weaken the muscles in your back and may cause more pain in other parts of your body. This happens from all the extra weight and pressure. Extra pressure on your spine can lead to spinal curvature.

While it's no news that slouching is harmful for our health, the amount to which it has an impact on our general well-being is unexpected.

CURRENT SCENARIO!?

13,500 Rural Villages Do not have schools, because of lack of any basic educational needs such as a physical class, tables, stationary.

1.2 M Rural Schools Do not have tables for children to use as a stand or as a seating stool for kids to read, write, draw or work on.



Mind Mapping

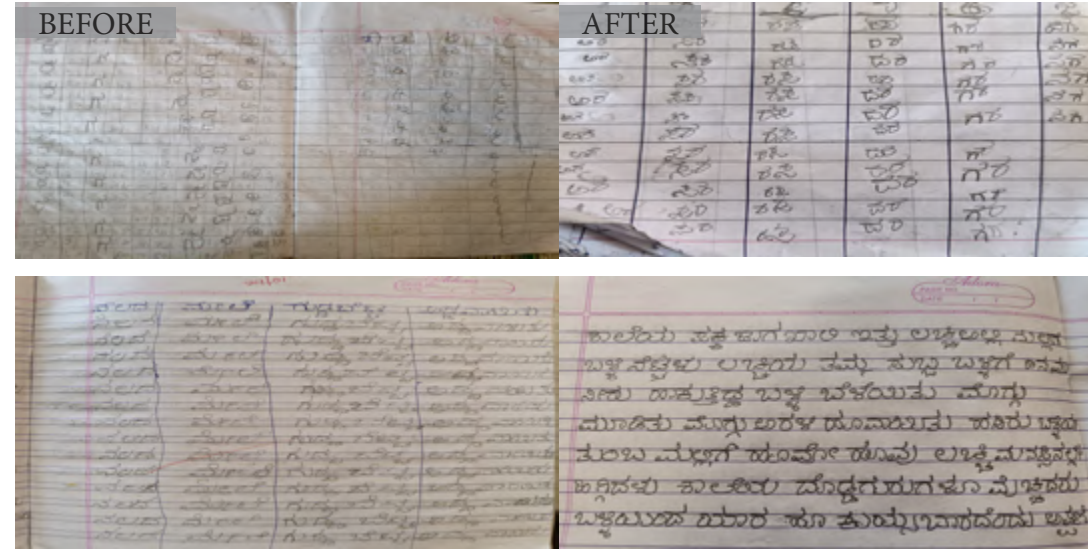
In 2009, India's federal government passed the Right to Education Act that promised free and compulsory education to all children. The equivalent of roughly US \$500 billion was allocated to it. However, programs under this act do not ensure the availability of desks, bags. Children often sit on the floor with their backs hunched for about five hours every day, which affects their eyesight and posture. This is one of several reasons that many drop out of school. According to the government and NGOs, dropout rates in elementary schools in rural India stand at about 40 percent.

1.PRODUCT DEMONSTRATION (CARDBOARD)





No more Bad postures, Back pain, Neck pain

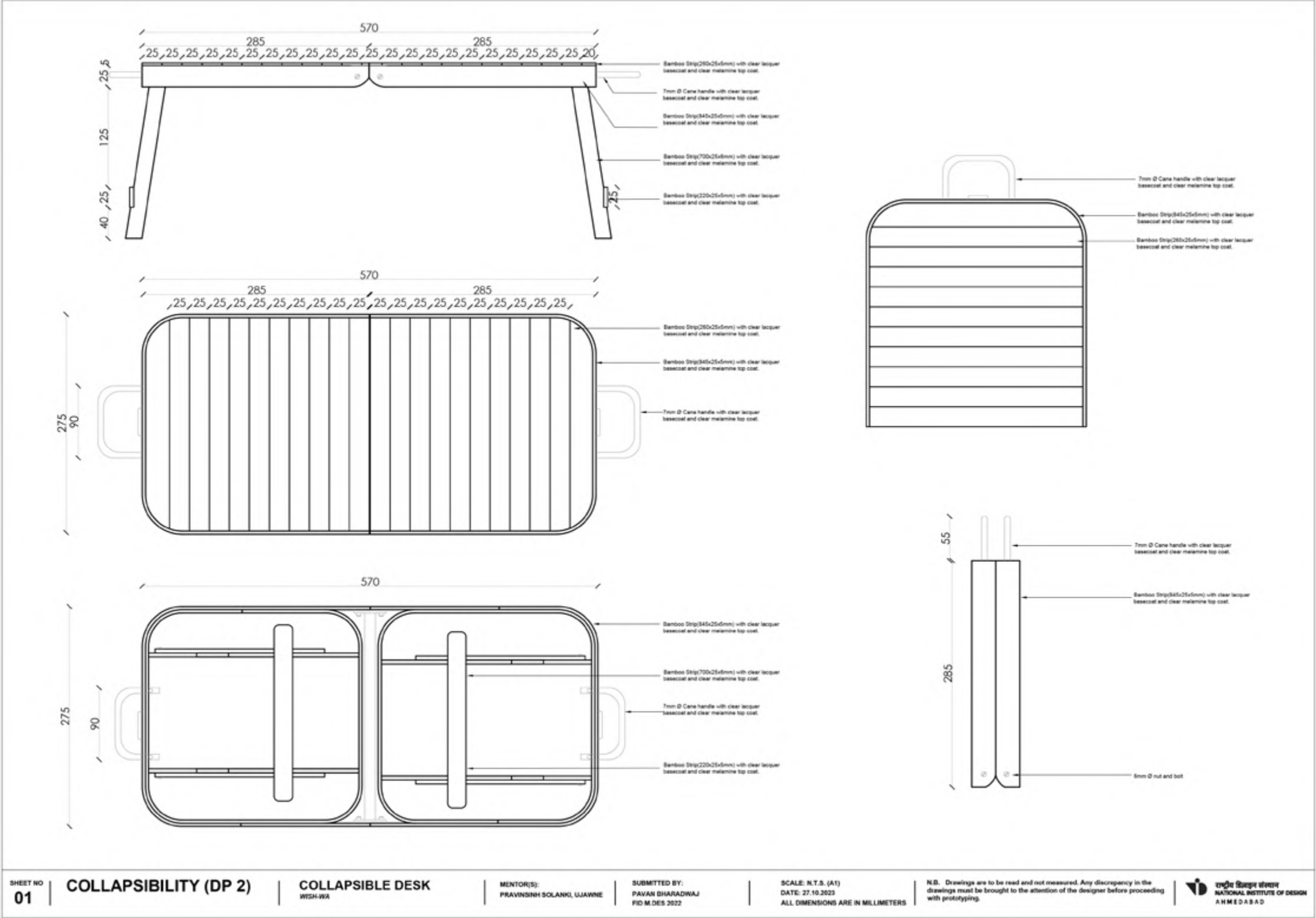


Say bye to Bad handwriting

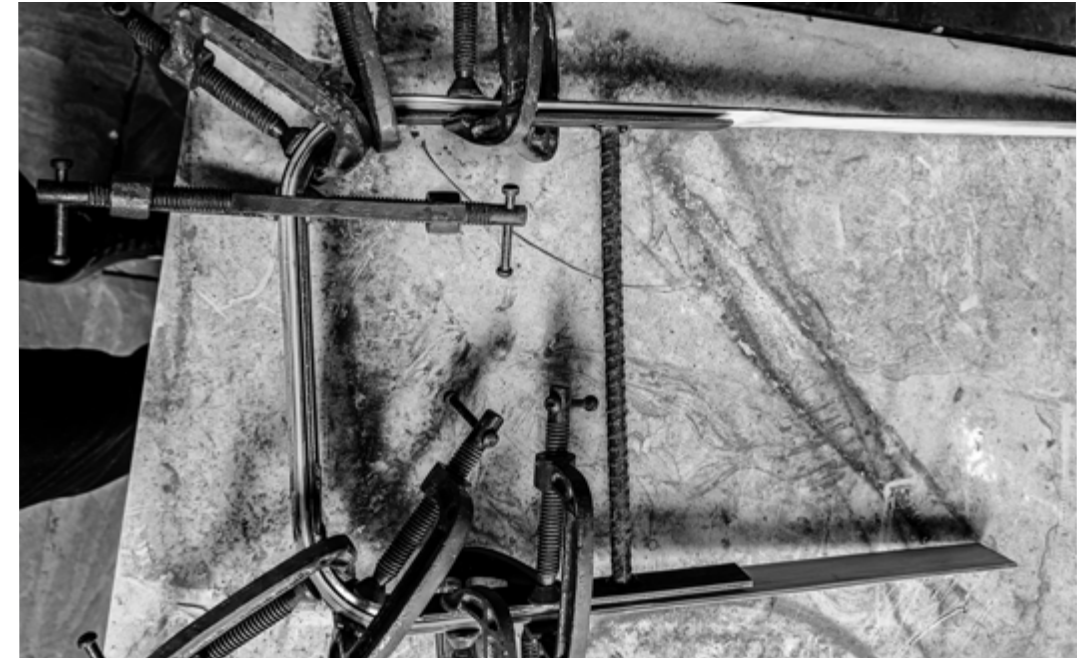
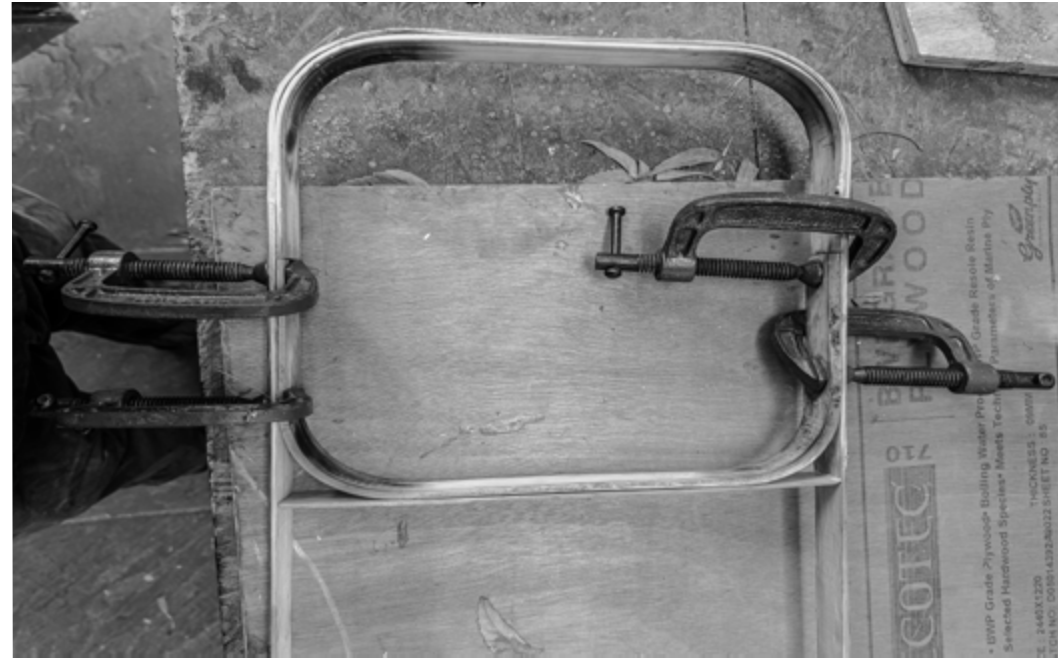


Students created their own desks out of various materials and concepts.





BEHIND THE SCENES - BAMBOO PROTOTYPE



PROTOTYPE - 1



STEP - 1



STEP - 2



STEP - 4



STEP - 3



STEP - 5

FINAL PROTOTYPE











USER TESTING

