# **Inclusive Web Design Final Assignment**

Being a web developer means being able to take an idea and put it into practice. Developers must have the ability to work in diverse teams. They must have technical skills in layout, coding, and content development as well as power skills in leadership, communication, and innovation.

The aim of this assignment is for you to take an idea and put it into practice by showing the knowledge, skills and abilities you have learned in this course. In this assignment you should be able to highlight what you know (the topics covered in class) and what you can do (code a website).

## **Guidelines**

This assignment consists of three parts

### Part 1

1. Form groups of 3 to 7 sign up for a Final Project group on Canvas by **1 November 23:59**.
2. Choose a topic from one the lectures or a relevant UN [Sustainable Development Goal](https://www.un.org/sustainabledevelopment/).
3. Invent a potential solution to the problem. Your solution should not already exist, but you may use an existing solution in a new or different way. Your solution does not have to feasible, but it should be possible to achieve within three to five years.

### Part 2

Header: introduction to the idea.

TITLE:   
BASIC EDUCATIONAL TOOLS FOR DEVELOPING COUNTRIES -- AfricaReed

Define the idea and how to present it.

Our idea: The idea is to create boxes to collect school supplies, sort them and send them to Africa/Asia. We collect them at our collection points, assess them, sort the book by type, language, education background, sort also by grade of school, sort them by subject. Things that are collected

When we send it to the other country, we can select a country and either give the books directly to the government of the country or we organize the delivery to the area where it is needed.

1. Create a website that
   1. Explains why the problem is important from a social or technological perspective.

Explanation: Define a problem, explain it and then provide a solution.

In most developing countries for instance South - Sudan the schools and the students do not have the means to afford school supplies such as papers, pens, notebooks, back packs.

Studying without school supplies makes it difficult for students to learn and many students do not attend class because of the bad learning experience. This generally decreases the learning outcome and the motivation of the students and cases other social economic problems.

~~There are many students that go without school supplies or do not attenc class beac~~

~~The school supplies represent a big economical burden to the parents which can’t afford it. Without school supplies, the quality of the education is lowered and the environment for learning is bad, the learning out come is therefore decreased. This causes children to drop out of school as it can be seen as inefficient, they have a difficult time to learn and to see the point of it.~~

How can we solve the defined problem?

* 1. Describes how the problem relates to the solution that you have identified.

Explanation:

Studnets without schools supplies will have a more challenging time learninrg and staying at schools. Once our donated school supplies are delivered the student can focuse on learning and the financial burden is also removed from the school and the parents.  
This leads to an increasing number of young people having an appropriet education for higher quality jobs and have relevant skills (vocational skills, technical skills). Some of the educated pupils will become teachers which will help developing countries further.

* 1. Describes what the solution is. For example, if your solution is a mobile app, then describe the app. You do not need to code the solution, but it is recommended that you create a lo-fi prototype to showcase your solution.

Explanation: Our solution is to establish a network of dop off locations for donations of schools supplies, such as bag packs, note books, pens, calculator, rulers. At the drop off locations you will find secured drop off boxes to donate your schools supplies. Schools, individuals and companies are encouraged to donate.

Every end of studying semester we start our collection for the selected country. The container is marked with a sticker explaining where the supplies will go and how they will be used. There is also information describing the problems of the country with education and the need for the basic school supplies.

Once the donation period is over a team of volunteers picks up the supplies and delver them to the sorting center. At the center we access and sort the delivered supplies according to age group and usability. The supplies that are too damaged will be recycled.

Notebooks, backpacks, rulers and other supplies will be sorted according to age group and

The transportation is facilitated by an agreement with Unicef, united natios and the local authorities.

The supplies can be delivered directly to the government of the country for distribution, or to humanitarian organizations on the ground such as the Read Cross.

1. The website can include text, images, videos, hyperlinks or any other forms of web content that your group has created or that you cite appropriately.

Explanation:

1. Accessibility and usability are more important than functionality. In other words, do not design the page to look “cool”, **design it to be effective, efficient and satisfying for the everyone**.

### Part 3

1. Rate your contribution to the assignment using the [self-evaluation form](https://docs.google.com/forms/d/e/1FAIpQLSclAiInpbpSNGyT3_lFadzfkFXlY4InfiXEH83uOyVo1Pj2bg/viewform?usp=sf_link).

**Fill this out before the 24th of November**

1. Rate your performance as a group and list who have contributed with what using the [group-evalution form](https://docs.google.com/forms/d/e/1FAIpQLSfT99o2BBAT3T0eZEBOpmKfLhWT00e9oBGf1JyG07EL6u5ZYg/viewform?usp=sf_link).

**Fill this out before 1st of December**

## **Technical Requirements**

* The website must be **uploaded onto at least one student web server**.
* The website must **contain at minimum one** web page.
* There is no word limit. It is recommended to keep text to a minimum.
* The emphasis should be on the quality of the information and the interaction, not the quantity of pages.
* HTML and CSS are required. JS is optional and should only be used to enhance the user experience. The website should work in a web browser that doesn’t support JS.
* The page can be in any language. However, grammar and punctuation are important! Write clearly and concisely. Websites in a non-English language may be translated using Google translate.
* The use of frameworks or libraries is **prohibited**.
* Copying code or content created by others is **prohibited and may constitute plagiarism**.
* See Canvas for assessment criteria.

## **Group Guidelines**

1. You must form your own groups (minimum 3 and maximum of 7 members).
2. All groups must declare their affiliation by signing up for a Final Project group on Canvas by **1 November 23:59**.
3. After the deadline, you may not leave or change groups.
4. You may not participate in more than one group.
5. Participation in a group is each student’s individual responsibility, not the responsibility of the course instructor or the teaching assistants.
6. Any delays caused by any member of the group are the group’s responsibility.
7. It is up to each group to maintain a professional working environment.
8. Cooperation within the group is mandatory.

## **Submission Guidelines**

* Make sure every group member has submitted the [self-evaluation form](https://docs.google.com/forms/d/e/1FAIpQLSclAiInpbpSNGyT3_lFadzfkFXlY4InfiXEH83uOyVo1Pj2bg/viewform?usp=sf_link) **before the 24th of November**
* Make sure your group has submitted the [group-evalution form](https://docs.google.com/forms/d/e/1FAIpQLSfT99o2BBAT3T0eZEBOpmKfLhWT00e9oBGf1JyG07EL6u5ZYg/viewform?usp=sf_link) **before the 1st of December**
* As a group, you must submit **one URL** for your website on Canvas, using the group hand-in function and include all members of the group by **1 December 23:59**. You will make one submission per group, not one submission for each group member.
* Verify your URL works as you expect it to work before submitting your assignment.
* Any changes to the website after the deadline will be considered **late**.
* **Late submissions will be accepted**, but the **final grade will be reduced** by one letter grade for every 24-hour period following the due date.
* Exceptions, for documented medical reasons only, must be approved by the instructor before the assignment deadline.

## **Notes**

* Each group must do their own work. This is a group assignment.
* If you experience conflict within the group, your first action must be to resolve it within the group. If the group cannot resolve the conflict, you may seek advice from the TAs. If the TAs are not able to help you resolve the conflict, you may seek further advice from the instructor.
* This assignment will be graded A to F according to the assessment criteria posted on Canvas.
* Teaching Assistants (TAs) may comment and provide feedback on topics and initial designs. However, TAs do not have the authority to make decisions regarding grading or to modify the assignment in any way.
* Parts 1, 2, and 3 are not weighted. They are graded as a whole and **count for 100% of your final grade**.
* Submission deadlines are subject to change. You will be informed well in advance of any significant changes.