



Waterford Institute *of* Technology



RESPONSIVE WEBSITES LECTURE & LAB

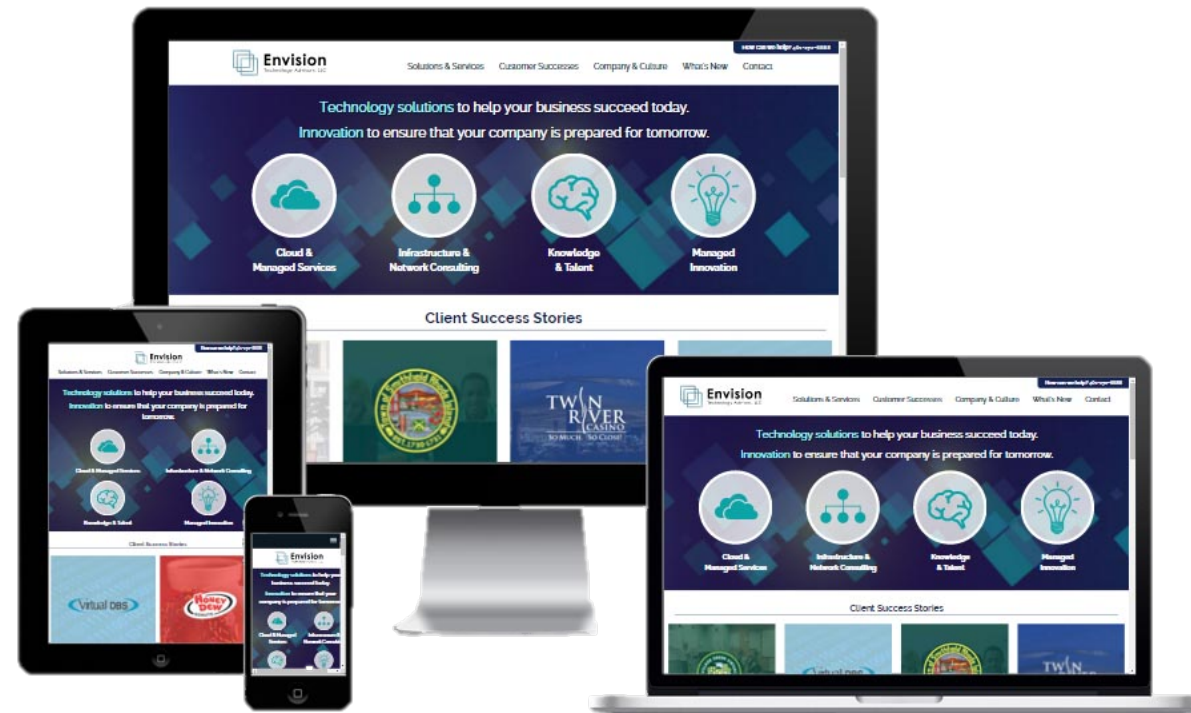
SAMITHA SOMATHILAKA

Department of Computing & Mathematics, WIT

RESPONSIVE WEBSITE

- A responsive website is one that has been designed to respond, or adapt, based on the technology and type of computing device used by the visitor to display the site.
- It is basically one website design that will look good at any size — from a large desktop LCD monitor to the smaller screens we use on smartphones and tablets.
- Responsive design ensures visitors to the site have a similar experience that is independent of the size of the device used to view the site.

RESPONSIVE WEBSITE



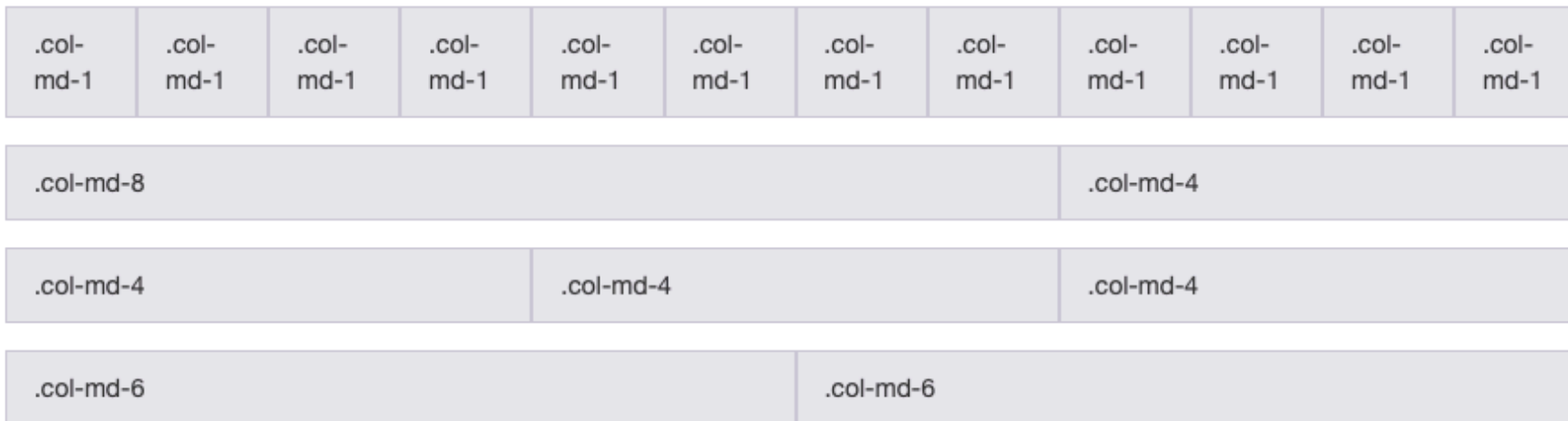


RESPONSIVE WEB LAYOUTS WITH BOOTSTRAP



THE GRID SYSTEM

- Bootstrap layouts the web page through a grid system.
- It contains rows and columns.
- The window is divided into 12 columns



THE GRID SYSTEM

To make the grid responsive, there are five grid options.

- Xs (for phones)
- Sm (for tablets)
- Md (for desktops)
- Lg (for larger desktops)
- Xl (for extra larg desktops)

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px
Max container width	None (auto)	540px	720px	960px	1140px
Class prefix	.col-	.col-sm-	.col-md-	.col-lg-	.col-xl-
# of columns	12				