**Università di Pavia**

**Computer Engineering**

***Web and Multimedia Technologies* – Project Report**

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| **Date of written test** | 22/02/2022 |

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| **Project title** (website subject) |
| VOTES4EUROVISION: A website to collect Eurovision Song Contest votes. |

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| **HTML version** | | |
| 🞎 | HTML5 | 🞎 | HTML4 | 🞎 | XHTML |

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| **Client-side technologies used** |
| HTML, CSS, JavaScript (including JavaScript's plotly library) | |

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| **Server-side technologies used** |
| php, MySQL | |

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| **Website content description** |
| Describe the website in terms of:   * *Content of the single pages* and/or of the *main sections* (e.g., “The products page lists all the…”, “The ‘News’ section presents…”) * *Graphic design* (e.g., “The navigation menu is located in the left part of the page, immediately below the header, and…”)   Specify whether, for the definition of the content and/or of the graphic structure of your site, you have “drawn inspiration” from one or more existing websites (indicating their URLs).  This section can be extended to the next page, if necessary―but possibly avoid exceeding 50 lines. |
| **Technical description of the website** |
| Describe the website implementation in terms of:   * *Folders (directories) and files*: list the folders that are part of the project, describing their content (e.g., “The folder img contains all the images of the website, while the folder…”). Clearly specify the name of the Home Page file * *HTML structure of pages*: indicate whether there are “structures” shared by all or many pages of the website, such as headers (e.g., <header> tag), generic containers (<div>, <section>), navigation sections (<nav>), main content (<article>), footer (<footer>), etc. * *CSS*: indicate the main selectors for which you have defined styles (shortly describing them), including possible classes or pseudo-classes (e.g., “The style for the #main selector defines an absolute positioning and…”; “The generic class .ital specifies that…”) * *JavaScript (and other possible client-side technologies used)*: illustrate the purpose of the employed JavaScript code (as well as of other possible client-side codes), shortly describing it (without necessarily providing all technical details, however); e.g., “The JavaScript function slideSh() allows to display a sequence of images which are placed in the folder …”). Indicate the URL(s) of the possible page(s) from which the JavaScript (or other technology) code has been “copied” and adapted to your own needs * *Server-side technologies*: indicate the purpose of the employed server-side code (e.g., PHP, ASP, Node.js, etc.), shortly describing it (without necessarily providing all technical details, however); e.g., “The PHP code at the beginning of the <body> of the page is used to…” * *Development tools employed*: HTML/CSS/JavaScript/etc. editors, possible image editing tools (e.g., Gimp, Photoshop, …), etc.   Specify whether, for the creation of the website, you have “drawn inspiration” from existing websites or templates (indicating their URLs), and whether you have used specific frameworks (such as Bootstrap). Also indicate anything you deem useful to make your implementation choices clear.  This section can be extended to the next page, if necessary―but possibly avoid exceeding 90 lines. |