

MICROCONTROLLER BASED SYSTEMS (CCE2014)

USER ACCEPTANCE TEST

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Group Number:

Description

Grade

Problem solution:

Rate the problem solution according to the following criteria.

Originality (consider presentation/features, as well as concept): [8%]

Interestingness (what makes a solution interesting is subjective; in general, a solution is to be considered interesting if it's intriguing, entertaining, or otherwise enjoyable): [8%]

Presentation (rate the aesthetics of the solution for appropriateness and finish): [8%]

Extra features (rate here any other elements not included above, or not strictly required): [8%]

Usability of controls: [8%]

Intuitiveness (in other words, how much of the system could you use before needing help?): [8%]

Functional Requirements:

Rate how well the problem solution satisfies the functional requirements, according to the following criteria.

Responsiveness (i.e. does it react quickly to user inputs?): [8%]

Does the system have at least one digital input, one digital output, and connection to one peripheral?: [12%]

On initial power up, does the system enter a well-defined stable state?: [8%]

Is the system configuration persistent between reboots?: [8%]

Are error conditions indicated to the user in a clear way?: [8%]

Is there evidence that the system has been tested for robustness, so that it does not enter an undefined or unstable state, even with incorrect input?: [8%]

Overall Grade:

This space is for additional feedback.

Instructions

Each group should fill in this form as self-assessment, based on the evidence shown in the demonstration video. In each case, rate your work according to the criteria specified using the following five-point scale:

Excellent Surpasses expectations; significantly better than requirements

Very Good Meets all requirements; generally exceeds expected level

Acceptable Generally meets expected level; some deficiencies may exist but none of major concern

Weak Generally fails to meet expected level; significant deficiencies

Poor Significantly below requirements; many deficiencies

Missing Applies only when the given requirement has not been addressed

For each listed criterion write a one-line comment outlining your main reason for your rating. Obviously, the self-assessment needs to be fair; an overstatement of your achievements will incur a penalty. When complete, this is to be submitted on the following folder on SVN:

`https://username@cce2014-ict.research.um.edu.mt/svn/CCE2014/2018-2019/Group_XX/documentation/uat/`

and the filename should be **user-acceptance-XX.pdf**, where **XX** is your two-digit group number. *Please follow the naming convention strictly as a script will be used to collect grades. Also note that the submitted form should be the one completed with Acrobat, not a scanned copy.* This form is only submitted electronically; there is no need to submit a printed copy.

This grade will in part determine the raw mark for your group; the quality of your review will determine the scaling factor to be applied to your group's grade. All grades are to be considered provisional until Board of Examiners approval.