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| Name | Integration planning test |
| Project name | Smart curtains |
| Version | V1 |
| author | Aya Abdelmagied |
| status | draft |
| Date | 9/2/2019 |
| References | GDD,SRS |

DIO

Push button

Motor

LED

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| Test thread 1 | DIO ,LED |
| Description | By applying bottom up approach to test these modules  Put high voltage on a pin connected to a led then put low voltage on the same pin |
| Expected output | Led will turn on then off |
| status | Not tested |

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| Test thread 2 | DIO ,Motor |
| Description | By applying bottom up approach to test these modules  Put high voltage on a pin connected after choosing a proper one if motor 1,2,or 3 |
| Expected output | Required motor will turn on |
| Status | Not tested |

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| Test thread 3 | DIO ,Push button |
| Description | By applying bottom up approach to test these modules  Connect a push button to a pin1  Connect a led to pin2  When applying push button the expected output is: |
| Expected output | The led will turn on or off according to the push button iis pressed or released |
| Status | Not tested |