Video Plan

1. Who We are? And What’s our Goal?
2. More About Project Capabilities
3. How The Project can be used to achieve our goal?

“Test Cases on our Project and why we choose this Features”

1. What’s our Future Work?

Video Sequence:

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| Time “Min:Sec” | Description |
| 0:00 – 0:05 | Simple Footage of the project with suitable music |
| 0:05 – 2:00 | First Point in the Video: By Using Simple Slides   * Slide 1: who we are, and our goal “Talk 1-1” * Slide 2: problem description “Talk 1-2” * Slide 3: how our tool can solve this problem “Talk 1-3”   Switch to the Project description  Optional: Try Support your Talk with graphs and Evidence |
| 2:00 - 7:00 | Second Point in the Video: By using Real Footage  Use Simple Circuit:   * Show Ammeter works correctly * Show Voltmeter works Correctly * Show Ohmmeter works Correctly   Use another Arduino   * Show Oscilloscope works Correctly * Show Signal Generator works Correctly * Show Spectrum Analyzer works Correctly   End this part. |
| 7:00 – 8:30 | Third Point in the Video: By using slides   * Slide 1: it can be used in Electronics “Talk 3-1” * Slide 2: it can be used in computer “Talk 3-2” * Slide 3: it can be used as cheap hobbyist tools “Talk 3-3” |
| 8:30 – 10:00 | Forth points in the Video: By using Slides:   * Slide 1: add More features Like Pulse generator “MVB” & Capacitor Measurement. “Talk 4-1” * Slide 2: build an Arduino Sheild “Talk 4-1” * Slide 3: apply Single Arduino based model instead of 2 Arduinos “Talk 4-3” * Slide 4: building an Desktop Application instead of OLED “Talk 4-4” |

Talk Sequence

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| Talk | Who | Speech |
| 1-1 | Khaled | Hello everyone, we are Ardunscope team, and we are here to talk about our device which is Arduino measurement Kit. We believe that this simple kit we build can be used to build a better future by providing affordable easy-to-use measurement kit that can help beginners in their Start. |
| 1-2 | Khaled | We believe that Education in General is the most important step to improve our living Standards which leads to better lives.  One of the most valuable Education Field that help in achieving this bright future is Electrical and Electronics Engineering which become pivotal in our modern life.  But for less fortunate people, the accessibility to the field is difficult due to the high costs to establish an Electronics Lab for tools that their large capabilities are wasted by simple usage in the beginner level. |
| 1-3 | Khaled | Our Solution is to provide an affordable easy-to-use complete measurement Kit by using Arduino that matches the beginner level use plus providing tracks and projects that our device can provide an actual benefit for the users.  But first, we will show the feature provided by this device |
| 3-1 | Khaled | The Device can be used to teach Electronics and Circuits Introduction Concepts Like:   * Introduction to Ohm’s Law: where Multimeter tools can be used. * Introduction to RC circuits: where Signal generator and Oscilloscope can be used. * Introduction to Filters: where Signal Generator and spectrum Analyzer can be used. * Introduction to Transistors: where Signal Generator and Oscilloscope can be used.   And More Concepts which helps in deeper understanding for Electronics and Circuits. |
| 3-2 | Khaled | The Device can be also used in teaching Computer Architecture concepts by using it as side tool to build 8-bit computer where to deepen the understanding of Computer Architecture and Hardware-Software Relationship. |
| 3-3 | Khaled | The Device can be used simply by any hobbyist who love to add this tool as side tool in his project. |
| 4-1 | Khaled | Maybe this project is the beginning of the path but it won’t be the end as there are a lot of Features to be added to this project Like adding Manual Pulse Generator which can help in Computer Architecture Debugging and also adding Simple Capacitance - Inductance Measurement tools can by helpful in building simple Electronics Projects. |
| 4-2 | Khaled | And it would be a pivotal Step in the project to build it all on one Arduino Sheild which will provide plug-and-play Experience for the target users. |
| 4-3 | Khaled | And one of important Features we like to add is to make the kit based on What we called Single Arduino model which means to make the Arduino available to add other projects to it besides our project instead of using another Arduino besides Kit Arduino |
| 4-4 | Khaled | Finally, it would be helpful to add “display on Desktop” additional Feature besides OLED display for Signals. The “Display on Desktop” Feature will not only provide a solution for Limitation of Cheap OLED Display but will open the door to add more Features using PC which enrich the Experience of Learning more and more. |