```
Mission Statement for upcoming onsite technical presentation
   @brief
  @details Preparation for generation
@auth Justin Reina
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4
5
   @rev
             7/20/18
6
   @date
7
8
9
   Osection Project Selection
10
    Contract work for Ergsense - HW, FW & Design (DTECTS, 2017)
11
12 @section
            Mission Statement
1.3
       Description of contract work (Ergsense) where hardware, firmware and design work
       helped stabilize an existing proof-of-concept and move it forward towards product
       release.
14
15
   @section Presentation Contents
16 1 Challenges & Needs (1)
17
       2 Design Procedure
                             (2)
18
      3 Development Methodology (3)
19
      4 Overcome Challenges (1)
20
      5 Deliverable & Results (2)
21
      6 Learnings & Growths (1)
22
                       Total (10)
23
24 @section Statistics
25
    5-6 people
26
       60 min minute technical presentation
27
       Deep Dive Potential for staff
28
29 @section
             Key Points
30
      Highlight hardware experience
31
       Show direct value to team, by example
32
33
34
35
   36
37
                           SECTIONS
   38
            Challenges & Needs
39 @section
40
      Stabilized Firmware Architecture
41
42
43
      Board Revisions
44
45
46
       PoC Progression, Arduino towards release
47
48
49
       Feature Integration
50
51
52
53 @section
              Design Procedure
54
       Needs Identification
55
56
57
       Firmware Development
58
59
60
       Board Development
61
62
63
       Contract Completion & Transfer
64
65
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66 67

@section Development Methodology Documentation Presentation Code Syntax Development Validation PoC Form Schematic Examples Content Transfer to Ergsense Revision Control 96 @section Overcome Challenges Unmet customer needs Work scope identification Espressif Satisfying ambitious, abstract design needs 110 @section Deliverable & Results Schematics Documentation Board Design Espressif bare-metal scope Roadmap establish Procedure Reference GitHub 

137 138			
139	@section Learnings & Grow	ths	
140	Communication		
141			
142			
143	Customer Needs Identific	Customer Needs Identification	
144			
145			
146	Risk Identification & Mitigation		
147			
148			
149	Results Delivery to Ambi	Results Delivery to Ambitious Customer	
150			
151	0 4 5 5 7 7	. 5	
152 153	@section Things of Value Schematics		
154	Schematics	(DTECTS_hw/ work)	
155	Firmware Reference	(Examples Espressif work?)	
156	TITIMWATE RETEREE	(Lixamples displessif work.)	
157	Design Docs	(Spec sheet, path forward)	
158	20019 2000	(Spec Sheet) path leliala,	
159	Work Sync & Integration	(Convergence of work flows)	
160	1		
161	Project Org	(DTECTS hw org)	
162		_	
163	Content Org & Sharing	(GitHub)	
164			
165	Challenges & Learnings	(Espressif OTM)	
166			
167			