
#109

BachelorPad

Handbook

v1.0

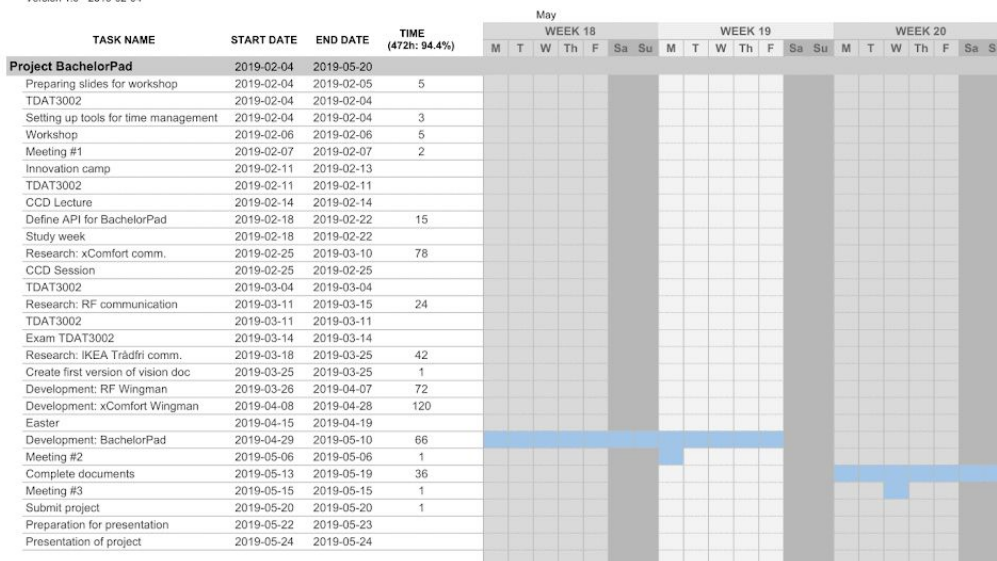
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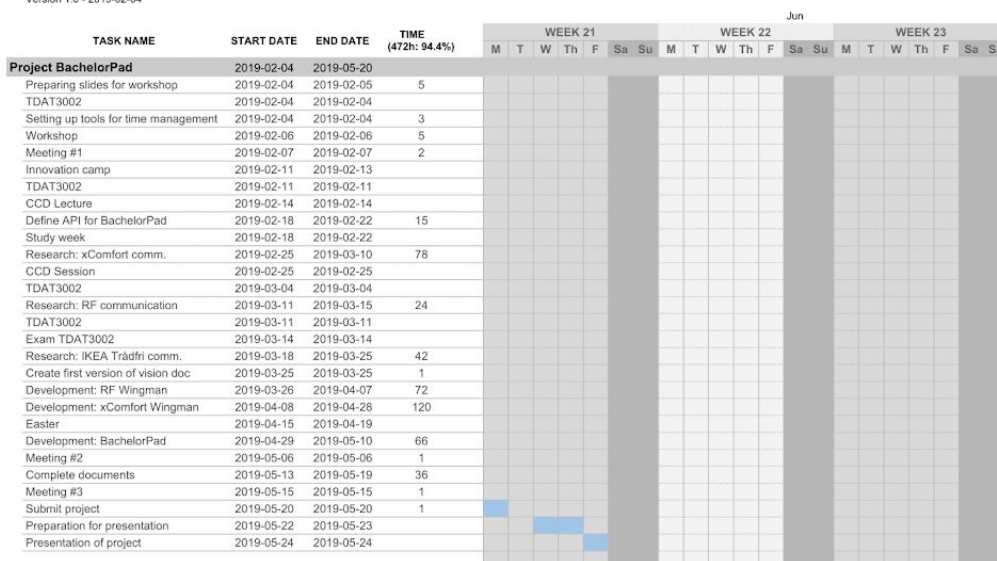
GANTT CHART

Version 1.0 - 2019-02-04



GANTT CHART

Version 1.0 - 2019-02-04



Version 2.0 - 2019-03-26

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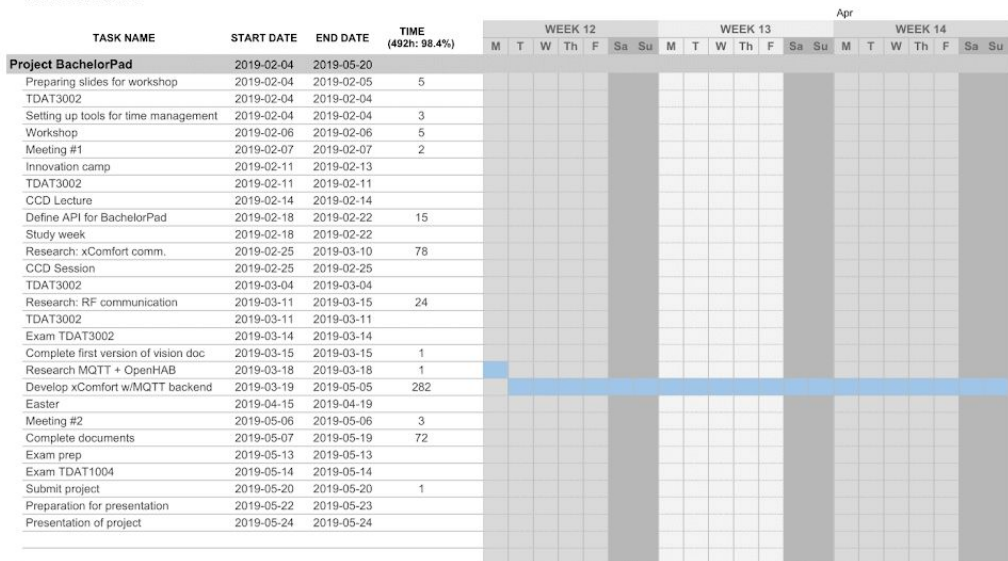
Version 2.0 - 2019-03-26

Version 2.0 - 2019-05-20

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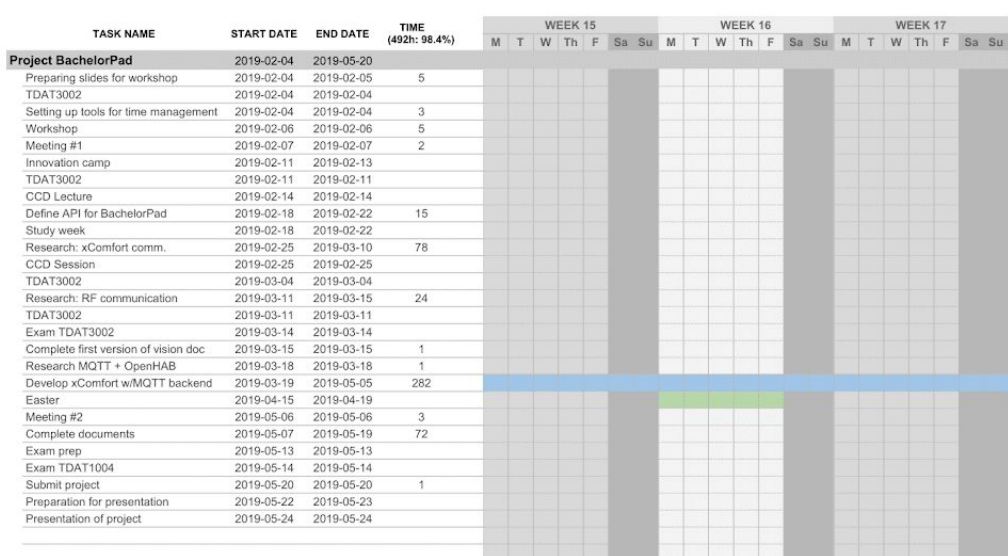
GANTT CHART

Version 2.0 - 2019-03-26



GANTT CHART

Version 2.0 - 2019-03-26



Version 3.0 2010-03-08





2. Meeting invitations

Meeting #1 - agenda

Date: 2019-02-07
Time: 14:00
Location: G401, Akrinn
Invited: Helge Hafting, Harald Geving

Agenda

1. Counselor/student dynamics
2. Formalities
3. Questions

Meeting #2 - agenda

Date: 2019-05-06
Time: 10:00
Location: G401, Akrinn
Invited: Helge Hafting, Harald Geving

Agenda

1. Status of project
2. Future of project
3. Basic questions about evaluation of the project

3. Meeting protocols

Meeting #1 - Protocol

Date: 2019-02-07
Time: 14:00
Location: G401, Akrinn
Attended: Helge Hafting, Harald Geving

Agenda

1. Formalities

Timesheets should be kept with a minimum resolution of 30 minutes.

Expected number of hours is 501.5 +/- 10%.

Progress is the student's responsibility.

The project evaluation criteria are explained.

There will be a presentation of the project at about 70% to 80% completion.

Signing of liability papers.

2. Counselor/student dynamics

Counselor is available by email, use assignment number in the subject line.

3. Questions

None

4. Other

Consider having bi-weekly meetings.

Tip: Talk to Don Morrison about reverse engineering.

Meeting adjourned at 14:38

Meeting #2 - Protocol

Date: 2019-05-06
Time: 10:00
Location: G401, Akrinn
Attended: Helge Hafting, Harald Geving

Agenda

1. Status of project

The current status of the project is given, with emphasis on the discovered update by the OpenHab team.

2. Future of project

After some discussion, it is agreed that the project is still viable, though the scope has changed considerably. Documentation must reflect this change.

3. Basic questions about evaluation of the project

The presentation is obligatory, but is not likely to be a reason for marking down a grade.

4. Other

Emphasis on the importance of timesheets.

Meeting adjourned at 11:25

4. Timesheet

Note: Due to a new time logging tool, time logged after April 3rd is on a 1 min resolution.

Description of work	Category	Start date	Start	End	Duration
Prep for workshop	Presentation	2019-01-29	13:30	16:00	02:30
Making a road map	Admin	2019-01-30	10:00	10:30	00:30
Meeting #1	Admin	2019-02-07	14:00	15:00	01:00
Attempting to collect thoughts on bachelor	Admin	2019-02-18	11:00	12:30	01:30
Researching RF-sniffer	Research	2019-02-26	12:30	13:30	01:00
Define API for BachelorPad	Research	2019-02-18	10:00	14:30	04:30
Define API for BachelorPad	Research	2019-02-18	15:40	17:00	01:20
Define API for BachelorPad	Research	2019-02-18	19:50	22:50	03:00
Define API for BachelorPad	Research	2019-02-19	09:50	16:50	07:00

Define API for BachelorPad	Research	2019-02-19	20:00	21:20	01:20
Define API for BachelorPad	Research	2019-02-20	09:20	16:50	07:30
Define API for BachelorPad	Research	2019-02-21	11:10	16:20	05:10
Birthday	No work	2019-02-22			00:00
Define API for BachelorPad	Documentation	2019-02-23	08:10	14:20	06:10
Define API for BachelorPad	Documentation	2019-02-23	18:50	21:10	02:20
Define API for BachelorPad	Documentation	2019-02-24	10:00	17:30	07:30
Define API for BachelorPad	Documentation	2019-02-25	13:00	15:20	02:20
Researching RF-sniffer	Research	2019-02-26	12:30	13:30	01:00
Researching RF-sniffer	Research	2019-02-26	19:30	22:00	02:30
Development: xComfort Wingman	Programming	2019-02-26	22:00	00:00	02:00
Development: xComfort Wingman	Programming	2019-02-27	00:00	02:30	02:30
Development: xComfort Wingman	Programming	2019-02-27	08:30	14:00	05:30
Development: xComfort Wingman	Programming	2019-02-27	16:30	19:30	03:00
Development: xComfort Wingman	Programming	2019-02-27	21:00	23:00	02:00
Development: xComfort Wingman	Programming	2019-02-28	09:00	15:30	06:30
Development: xComfort Wingman	Programming	2019-02-28	20:00	22:30	02:30
Development: xComfort Wingman	Programming	2019-03-01	09:00	15:00	06:00
Development: xComfort Wingman	Programming	2019-03-01	20:00	23:30	03:30
Development: xComfort Wingman	Programming	2019-03-02	11:00	16:00	05:00
Development: xComfort Wingman	Programming	2019-03-02	17:00	18:00	01:00
Development: xComfort Wingman	Programming	2019-03-02	19:30	00:00	04:30
Research: IKEA Trådfri comm.	Research	2019-03-03	20:00	22:30	02:30
Research: IKEA Trådfri comm.	Research	2019-03-04	20:00	23:30	03:30
Research LibUSB Mono, LCD shopping	Research	2019-03-05	11:58	14:33	02:35
Writing protocol data in C#	Programming	2019-03-05	14:34	22:05	07:31
Research: IKEA Trådfri comm.	Research	2019-03-06	09:00	12:00	03:00
Research: RF communication	Research	2019-03-06	12:30	15:30	03:00
Research: RF communication	Research	2019-03-06	20:00	23:30	03:30
Research: RF communication	Research	2019-03-07	08:30	15:30	07:00
Research: RF communication	Research	2019-03-08	09:00	15:00	06:00
Research: RF communication	Research	2019-03-09	16:00	19:00	03:00
Research: RF communication	Research	2019-03-10	20:30	23:30	03:00
Research: RF communication	Research	2019-03-11	20:00	23:00	03:00
Exam prep	No work	2019-03-12			
Time planning	Admin	2019-03-13	15:44	15:51	00:06
USB stick testing	Research	2019-03-14	17:49	18:49	01:00

Updating vision document	Documentation	2019-03-15	11:00	15:30	04:30
Weekend	No work	2019-03-16			00:00
Weekend	No work	2019-03-17			00:00
Research: OpenHAB 2.4 + MQTT	Research	2019-03-18	09:00	15:30	06:30
Research: OpenHAB 2.4 + MQTT	Research	2019-03-18	20:00	23:30	03:30
Development: xComfort Wingman	Programming	2019-03-19	08:30	15:30	07:00
Development: xComfort Wingman	Programming	2019-03-20	07:30	00:00	16:30
Development: xComfort Wingman	Programming	2019-03-21	09:00	11:00	02:00
Development: xComfort Wingman	Programming	2019-03-21	12:30	16:30	04:00
Development: xComfort Wingman	Programming	2019-03-22	09:00	15:00	06:00
Development: xComfort Wingman	Programming	2019-03-22	20:00	22:00	02:00
Weekend	No work	2019-03-23			00:00
Weekend	No work	2019-03-24			00:00
Development: xComfort Wingman	Programming	2019-03-25	09:30	15:30	06:00
Development: xComfort Wingman	Programming	2019-03-26	08:30	15:30	07:00
Development: xComfort Wingman	Programming	2019-03-27	08:30	17:00	08:30
Development: xComfort Wingman	Programming	2019-03-28	09:00	15:30	06:30
Development: xComfort Wingman	Programming	2019-03-29	09:00	15:00	06:00
Weekend	No work	2019-03-30			00:00
Weekend	No work	2019-03-31			00:00
Development: xComfort Wingman	Programming	2019-04-01	09:00	15:30	06:30
Development: xComfort Wingman	Programming	2019-04-02	09:00	15:30	06:30
Development: xComfort Wingman	Programming	2019-04-03	08:30	16:00	07:30
Coding xComfort interface	Programming	2019-04-03	11:24	11:33	00:08
Toggl API integration	Admin	2019-04-03	11:33	13:24	01:51
Coding xComfort interface	Programming	2019-04-03	13:29	14:25	00:55
Coding xComfort interface	Programming	2019-04-03	18:09	18:47	00:38
Coding xComfort interface	Programming	2019-04-03	20:45	21:16	00:30
YouTube research (DLL files)	Research	2019-04-03	21:16	22:17	01:00
YouTube research (DLL files) v=ySzTCI-H10w	Research	2019-04-04	23:38	00:38	00:59
Development: xComfort Wingman	Programming	2019-04-05	08:48	15:12	06:24
Weekend	No work	2019-04-06			00:00
Weekend	No work	2019-04-07			00:00
Development: xComfort Wingman	Programming	2019-04-08	09:26	15:28	06:01
Template	Documentation	2019-04-09	12:37	19:21	06:44
Writing introduction	Documentation	2019-04-10	10:58	11:30	00:32

Writing introduction	Documentation	2019-04-10	15:29	17:23	01:54
Coding xComfort interface	Programming	2019-04-11	08:57	15:25	06:27
Coding xComfort interface	Programming	2019-04-12	08:17	14:37	06:19
Easter	No work	2019-04-13			
Easter + Updating project changes	Documentation	2019-04-14	10:21	17:22	07:01
Easter + Updating project changes	Documentation	2019-04-15	10:10	17:46	07:36
Easter + BachelorPad	Programming	2019-04-16	14:08	17:36	03:27
Easter	No work	2019-04-17			
Easter + Sick	No work	2019-04-18			
Easter + Sick	No work	2019-04-19			
Easter + Sick	No work	2019-04-20			
Easter	No work	2019-04-21			
Easter	No work	2019-04-22			
BachelorPad	Programming	2019-04-23	12:07	13:58	01:51
BachelorPad	Programming	2019-04-23	19:27	23:59	04:31
BachelorPad	Programming	2019-04-24	13:13	13:48	00:34
Documentation	Documentation	2019-04-25	11:17	11:31	00:14
RS232 communication	Programming	2019-04-25	13:47	14:48	01:00
RS232 communication	Programming	2019-04-25	08:53	15:22	06:29
RS232 communication	Programming	2019-04-27	12:07	14:50	02:42
HID communication	Programming	2019-04-28	12:29	14:49	02:19
MQTT communication	Programming	2019-04-28	15:04	15:24	00:19
MQTT communication	Programming	2019-04-28	16:36	18:44	02:07
MQTT communication	Programming	2019-04-28	19:11	22:17	03:05
Documentation	Documentation	2019-04-29	09:25	09:29	00:03
Documentation	Documentation	2019-04-29	10:45	13:36	02:50
Documentation	Documentation	2019-04-29	14:18	14:32	00:13
Documentation	Documentation	2019-04-29	18:00	20:56	02:56
Getting documents ready for meeting	Admin	2019-04-30	09:59	12:00	02:00
HID communication	Programming	2019-04-30	18:37	20:34	01:57
HID communication	Programming	2019-05-01	15:13	16:42	01:28
HID communication	Programming	2019-05-01	19:55	22:06	02:11
HID communication	Programming	2019-05-01	22:23	22:29	00:05
HID communication	Programming	2019-05-01	23:00	02:55	03:54
MQTT communication	Programming	2019-05-02	08:51	09:18	00:26
MQTT communication	Programming	2019-05-02	10:05	15:40	05:35
RF protocols	Research	2019-05-02	19:50	22:12	02:22
Documentation	Documentation	2019-05-03	09:49	14:32	04:42
	No work	2019-05-04			

Documentation	Documentation	2019-05-05	12:37	13:38	01:01
Documentation and installing OpenHAB	Configuration	2019-05-05	13:45	17:12	03:26
GANTT diagram	Documentation	2019-05-05	18:10	19:48	01:38
Fixing PC after Win update	Configuration	2019-05-05	20:41	20:46	00:05
	No work	2019-05-06			
OpenHABian distro	Configuration	2019-05-07	12:21	16:05	03:43
OpenHABian distro	Configuration	2019-05-07	20:49	21:41	00:51
HID protocol	Programming	2019-05-08	17:00	00:33	07:33
Code cleanup	Programming	2019-05-09	11:13	15:00	03:47
Homie convention	Programming	2019-05-10	09:43	14:29	04:45
Homie convention	Programming	2019-05-10	16:37	22:49	06:12
Config OpenHAB	Configuration	2019-05-11	13:35	16:47	03:12
Config OpenHAB	Configuration	2019-05-11	18:00	19:15	01:14
Config OpenHAB	Configuration	2019-05-11	20:10	21:03	00:52
Config OpenHAB	Configuration	2019-05-11	21:54	23:26	01:31
Fixing arrays	Programming	2019-05-12	10:15	15:49	05:33
Fixing arrays	Programming	2019-05-12	15:57	17:02	01:04
Fixing arrays	Programming	2019-05-12	17:32	17:56	00:23
Fixing arrays	Programming	2019-05-12	19:00	02:21	07:20
Exam prep	No work	2019-05-13			
Exam TDAT1004	No work	2019-05-14			
Menu system	Programming	2019-05-15	10:58	16:09	05:11
Report	Documentation	2019-05-16	11:17	13:11	01:53
Report	Documentation	2019-05-16	13:18	14:19	01:01
Report	Documentation	2019-05-16	19:51	22:43	02:52
Report	Documentation	2019-05-17	14:45	15:39	00:54
Report	Documentation	2019-05-17	15:56	20:14	04:17
Report	Documentation	2019-05-17	23:05	01:36	02:30
Tiny code cleanups	Programming	2019-05-18	12:14	17:08	04:53
Report	Documentation	2019-05-18	18:34	18:57	00:23
Config OpenHAB	Configuration	2019-05-18	22:30	04:08	05:38
Misc config	Configuration	2019-05-19	13:22	16:15	02:53
Report	Documentation	2019-05-19	16:40	17:54	01:13
Report	Documentation	2019-05-19	18:51	21:34	02:43
Report	Documentation	2019-05-19	21:46	23:00	01:13
Report	Documentation	2019-05-19	23:20	02:05	02:44
Finishing everything	Documentation	2019-05-20	08:21	23:50	15:28
TOTAL					482:18