



General Information for Labs and Seminars



How to apply for topics



Application

Several topics are presented on our homepage.

<https://net.cs.uni-bonn.de/wg/usecap/teaching/>

In order to get a topic, you will need to submit your expose until 08.10.2019. Please send it to the respective supervisors. You will be informed whether you were chosen/not chosen for your favourite lab topic until 15.10.2019. Multiple applications are allowed for up to three topics.

Deadline for expose: 08.10.2019

Deadline for registration in BASIS: 31.10.2019



Exposé

Short document (max. 2 pages) - Show that you are able to write in a scientific way.

(1) Motivation for chosen topic: Why should the topic be researched?

(2) Related work of chosen topic: List related work of other researchers.

(3) Question(s) addressed and goals for chosen topic.

(4) Planned timeline: Present a time plan for the research and working time you will need.

Prerequisites

for the Lab Usable Security and Privacy only:

You need to have passed the Usable Security and Privacy lecture. We recommend that you passed the lecture with 2.0 or better. You will need the knowledge of the lecture for the labs/seminars!



Procedure - Summary

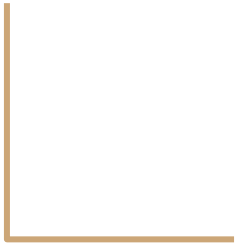
1. Decide for a **topic** (max. 3)
2. Apply for the topic with an **exposé** (max. 2 pages)

If you are chosen for the topic:

3. Conduct research
4. Work on the topic
5. Write a **report** in a scientific way
6. **Presentation**



How to work scientifically



When writing a report, exposé etc....

Make sure to cite properly:

Green and Smith [32] discussed the issue of security API usability providing examples and gave high-level recommendations to reduce developer errors.

and reference it in the references section:

[32] Matthew Green and Matthew Smith. 2016. Developers are Not the Enemy!: The Need for Usable Security APIs. IEEE Security & Privacy 14, 5 (2016), 40–46

When using a figure of somebody else

Give a source and, of course, reference it in the references section

	Gender	University	Study program	Age	Nationality	Semester	Java	How familiar are you with			Total skills
								Not familiar at all (1)	- Very familiar (7)		
							PostgreSQL	Hibernate	Eclipse IDE		
JN1	Male	University of Bonn	MSc Computer Science	NA	Bangladeshi	8	6	4	4	6	20
JN2	Female	University of Bonn	MSc Computer Science	23	Pakistani	3	3	1	1	6	11
JN3	Male	University of Bonn	MSc Computer Science	25	Uzbek	2	5	3	2	5	15
JN4	Male	University of Bonn	BSc Computer Science	23	German	6	5	2	1	6	14
JN5	Female	University of Bonn	MSc Computer Science	27	Indian	5	5	4	1	6	16
JP1	Male	University of Bonn	MSc Computer Science	25	Chinese	5	5	1	1	4	11
JP2	Male	University of Bonn	BSc Computer Science	22	German	4	6	6	1	6	19
JP3	Male	University of Bonn	MSc Computer Science	26	Iranian	4	4	2	2	6	14
JP4	Male	Aachen University	MSc Media Informatics	27	Indian	2	4	2	1	3	10
JP5	Male	Aachen University	MSc Media Informatics	25	NA	2	2	1	1	2	6
SN1	Male	University of Bonn	MSc Computer Science	24	German	10	6	4	1	5	16
SN2	Male	University of Bonn	BSc Computer Science	20	German	2	7	5	2	4	18
SN3	Male	University of Bonn	BSc Computer Science	24	German	8	6	3	1	6	16
SN4	Male	University of Bonn	MSc Computer Science	25	Syrian	3	7	5	7	7	26
SN5	Male	University of Bonn	BSc Computer Science	19	German	2	5	4	1	4	14
SP1	Male	University of Bonn	MSc Computer Science	25	NA	4	4	3	2	4	13
SP2	Male	University of Bonn	MSc Computer Science	25	Syrian	4	6	3	4	4	17
SP3	Male	University of Bonn	BSc Computer Science	20	German	2	5	3	1	4	13
SP4	Male	University of Bonn	BSc Computer Science	25	German	10	5	3	1	5	14
SP5	Female	University of Bonn	MSc Computer Science	NA	Indian	4	5	4	4	6	19

Table 1: Participant's demographics of Naiakshina et al. [1]



Also...

- Figures, diagrams, tables etc. need to be numbered, captioned and referenced in the text!
- Language must be scientific and objective!
- We recommend to use LaTeX, e.g., Overleaf

NO GO: Copy & Paste



- Make sure your sources are trustworthy!
- Check their reliability!
- Wikipedia is **not** a scientific source!
- Copy& Pasting sentences, paragraphs etc. without referencing is called **plagiarism and is prohibited!**

Caution!

We use a **plagiarism tool** to check your submissions.

Plagiarism = Failing the course

So, cite properly and do not copy and paste!

the quality of a developer's mental model and task performance. [1] The reason developers go with MD5 and SHA-1 because they are well known and easier to implement and also because it's less CPU intensive compared to bcrypt and scrypt. [2] However, some ideas for protecting passwords in Unix operating systems are also not new. [3] Morris and Thompson [4] used a shuffling algorithm to generate passwords, the concept of developers, MD5 is many orders of magnitude faster to brute force which was stored in the database. [5] The purpose of it being slower is the same password than scrypt. [6] Which means when you have a password that would require hundreds of years to brute force, you can't brute force it. [7] They also introduced the concept of salt which prevented an attacker from going back to the same password. [8] [9] [10] [11] [12] [13] [14] [15] [16] [17] [18] [19] [20] [21] [22] [23] [24] [25] [26] [27] [28] [29] [30] [31] [32] [33] [34] [35] [36] [37] [38] [39] [40] [41] [42] [43] [44] [45] [46] [47] [48] [49] [50] [51] [52] [53] [54] [55] [56] [57] [58] [59] [60] [61] [62] [63] [64] [65] [66] [67] [68] [69] [70] [71] [72] [73] [74] [75] [76] [77] [78] [79] [80] [81] [82] [83] [84] [85] [86] [87] [88] [89] [90] [91] [92] [93] [94] [95] [96] [97] [98] [99] [100] [101] [102] [103] [104] [105] [106] [107] [108] [109] [110] [111] [112] [113] [114] [115] [116] [117] [118] [119] [120] [121] [122] [123] [124] [125] [126] [127] [128] [129] [130] [131] [132] [133] [134] [135] [136] [137] [138] [139] [140] [141] [142] [143] [144] [145] [146] [147] [148] [149] [150] [151] [152] [153] [154] [155] [156] [157] [158] [159] [160] [161] [162] [163] [164] [165] [166] [167] [168] [169] [170] [171] [172] [173] [174] [175] [176] [177] [178] [179] [180] [181] [182] [183] [184] [185] [186] [187] [188] [189] [190] [191] [192] [193] [194] [195] [196] [197] [198] [199] [200] [201] [202] [203] [204] [205] [206] [207] [208] [209] [210] [211] [212] [213] [214] [215] [216] [217] [218] [219] [220] [221] [222] [223] [224] [225] [226] [227] [228] [229] [230] [231] [232] [233] [234] [235] [236] [237] [238] [239] [240] [241] [242] [243] [244] [245] [246] [247] [248] [249] [250] [251] [252] [253] [254] [255] [256] [257] [258] [259] [260] [261] [262] [263] [264] [265] [266] [267] [268] [269] [270] [271] [272] [273] [274] [275] [276] [277] [278] [279] [280] [281] [282] [283] [284] [285] [286] [287] [288] [289] [290] [291] [292] [293] [294] [295] [296] [297] [298] [299] [300] [301] [302] [303] [304] [305] [306] [307] [308] [309] [310] [311] [312] [313] [314] [315] [316] [317] [318] [319] [320] [321] [322] [323] [324] [325] [326] [327] [328] [329] [330] [331] [332] [333] [334] [335] [336] [337] [338] [339] [340] [341] [342] [343] [344] [345] [346] [347] [348] [349] [350] [351] [352] [353] [354] [355] [356] [357] [358] [359] [360] [361] [362] [363] [364] [365] [366] [367] [368] [369] [370] [371] [372] [373] [374] [375] [376] [377] [378] [379] [380] [381] [382] [383] [384] [385] [386] [387] [388] [389] [390] [391] [392] [393] [394] [395] [396] [397] [398] [399] [400] [401] [402] [403] [404] [405] [406] [407] [408] [409] [410] [411] [412] [413] [414] [415] [416] [417] [418] [419] [420] [421] [422] [423] [424] [425] [426] [427] [428] [429] [430] [431] [432] [433] [434] [435] [436] [437] [438] [439] [440] [441] [442] [443] [444] [445] [446] [447] [448] [449] [450] [451] [452] [453] [454] [455] [456] [457] [458] [459] [460] [461] [462] [463] [464] [465] [466] [467] [468] [469] [470] [471] [472] [473] [474] [475] [476] [477] [478] [479] [480] [481] [482] [483] [484] [485] [486] [487] [488] [489] [490] [491] [492] [493] [494] [495] [496] [497] [498] [499] [500] [501] [502] [503] [504] [505] [506] [507] [508] [509] [510] [511] [512] [513] [514] [515] [516] [517] [518] [519] [520] [521] [522] [523] [524] [525] [526] [527] [528] [529] [530] [531] [532] [533] [534] [535] [536] [537] [538] [539] [540] [541] [542] [543] [544] [545] [546] [547] [548] [549] [550] [551] [552] [553] [554] [555] [556] [557] [558] [559] [560] [561] [562] [563] [564] [565] [566] [567] [568] [569] [570] [571] [572] [573] [574] [575] [576] [577] [578] [579] [580] [581] [582] [583] [584] [585] [586] [587] [588] [589] [590] [591] [592] [593] [594] [595] [596] [597] [598] [599] [600] [601] [602] [603] [604] [605] [606] [607] [608] [609] [610] [611] [612] [613] [614] [615] [616] [617] [618] [619] [620] [621] [622] [623] [624] [625] [626] [627] [628] [629] [630] [631] [632] [633] [634] [635] [636] [637] [638] [639] [640] [641] [642] [643] [644] [645] [646] [647] [648] [649] [650] [651] [652] [653] [654] [655] [656] [657] [658] [659] [660] [661] [662] [663] [664] [665] [666] [667] [668] [669] [670] [671] [672] [673] [674] [675] [676] [677] [678] [679] [680] [681] [682] [683] [684] [685] [686] [687] [688] [689] [690] [691] [692] [693] [694] [695] [696] [697] [698] [699] [700] [701] [702] [703] [704] [705] [706] [707] [708] [709] [710] [711] [712] [713] [714] [715] [716] [717] [718] [719] [720] [721] [722] [723] [724] [725] [726] [727] [728] [729] [730] [731] [732] [733] [734] [735] [736] [737] [738] [739] [740] [741] [742] [743] [744] [745] [746] [747] [748] [749] [750] [751] [752] [753] [754] [755] [756] [757] [758] [759] [760] [761] [762] [763] [764] [765] [766] [767] [768] [769] [770] [771] [772] [773] [774] [775] [776] [777] [778] [779] [780] [781] [782] [783] [784] [785] [786] [787] [788] [789] [790] [791] [792] [793] [794] [795] [796] [797] [798] [799] [800] [801] [802] [803] [804] [805] [806] [807] [808] [809] [810] [811] [812] [813] [814] [815] [816] [817] [818] [819] [820] [821] [822] [823] [824] [825] [826] [827] [828] [829] [830] [831] [832] [833] [834] [835] [836] [837] [838] [839] [840] [841] [842] [843] [844] [845] [846] [847] [848] [849] [850] [851] [852] [853] [854] [855] [856] [857] [858] [859] [860] [861] [862] [863] [864] [865] [866] [867] [868] [869] [870] [871] [872] [873] [874] [875] [876] [877] [878] [879] [880] [881] [882] [883] [884] [885] [886] [887] [888] [889] [890] [891] [892] [893] [894] [895] [896] [897] [898] [899] [900] [901] [902] [903] [904] [905] [906] [907] [908] [909] [910] [911] [912] [913] [914] [915] [916] [917] [918] [919] [920] [921] [922] [923] [924] [925] [926] [927] [928] [929] [930] [931] [932] [933] [934] [935] [936] [937] [938] [939] [940] [941] [942] [943] [944] [945] [946] [947] [948] [949] [950] [951] [952] [953] [954] [955] [956] [957] [958] [959] [960] [961] [962] [963] [964] [965] [966] [967] [968] [969] [970] [971] [972] [973] [974] [975] [976] [977] [978] [979] [980] [981] [982] [983] [984] [985] [986] [987] [988] [989] [990] [991] [992] [993] [994] [995] [996] [997] [998] [999] [1000]

More information...



can be found in this **guideline**:

https://net.cs.uni-bonn.de/fileadmin/ag/martini/lehre/13ss/Seminar/sticm/Leitfaden_Ausarbeitungen-englisch.pdf

We expect your submissions to **apply to the standards of this guideline!**

Presentations

- Insert slides numbers
- Use bullet points (3-5 bullet points per slide)
- Make it interesting to watch

