

INFORME ING. SOFTWARE - PROYECTO

Etapas 1 - Test de cobertura

```
larac@lara-latitude-e7450:~/universidad/ads/signs/proyecto$ sudo docker compose exec app bundle exec rspec
Failures:

  1) User valid when there is no name should be invalid
     Failure/Error: expect(u.valid?).to eq(false)

     expected: false
      got: true

     (compared using ==)

     Diff:
     @@ -1,1 @@
     -false
     +true

     # ./spec/models/user_spec.rb:13:in `block (4 levels) in <top (required)>'

Finished in 0.02715 seconds (files took 0.63405 seconds to load)
1 example, 1 failure

Failed examples:

rspec ./spec/models/user_spec.rb:9 # User valid when there is no name should be invalid
```

```
# /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/inheritance.rb:60:in `new'
# ./spec/models/question_spec.rb:57:in `block (3 levels) in <top (required)>'

  9) User valid when there is no name should be invalid
     Failure/Error: u = User.new

     ActiveRecord::StatementInvalid:
       Could not find table 'users'

     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/sqlite3_adapter.rb:387:in `table_structure'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/abstract/schema_statements.rb:116:in `columns'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:117:in `block in columns'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:116:in `fetch'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:116:in `columns'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:125:in `block in columns_hash'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:124:in `fetch'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/connection_adapters/schema_cache.rb:124:in `columns_hash'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/model_schema.rb:580:in `load_schema!'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/attributes.rb:264:in `load_schema!'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/encryption/encryptable_record.rb:122:in `load_schema!'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/model_schema.rb:566:in `block in load_schema'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/model_schema.rb:563:in `synchronize'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/model_schema.rb:563:in `load_schema'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/model_schema.rb:429:in `attribute_types'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/attribute_methods.rb:187:in `_has_attribute?'
     # /usr/local/bundle/gems/activerecord-7.0.4.3/lib/active_record/inheritance.rb:60:in `new'
     # ./spec/models/user_spec.rb:11:in `block (4 levels) in <top (required)>'

Finished in 0.00866 seconds (files took 0.45967 seconds to load)
9 examples, 9 failures

Failed examples:

rspec ./spec/models/question_spec.rb:17 # Question validations is valid with valid attributes
rspec ./spec/models/question_spec.rb:17 # Question validations is invalid without a question content
rspec ./spec/models/question_spec.rb:26 # Question validations is invalid without a module id
rspec ./spec/models/question_spec.rb:30 # Question columns has an "answer" column of type Boolean
rspec ./spec/models/question_spec.rb:42 # Question columns has a "question" column of type string
rspec ./spec/models/question_spec.rb:46 # Question columns has a "content_link" column of type string
rspec ./spec/models/question_spec.rb:50 # Question columns has a "module_id" column of type integer
rspec ./spec/models/question_spec.rb:56 # Question data integrity ensures that content_link starts with "/images/"
rspec ./spec/models/user_spec.rb:9 # User valid when there is no name should be invalid

Coverage report generated for RSpec to /src/coverage. 43 / 49 LOC (87.76%) covered.
Stopped processing SimpleCov as a previous error not related to SimpleCov has been detected
```

Al comienzo tuvimos errores con rspec -spec_helper.rb ya que las migraciones estaban “sucias”. Únicamente se podía correr el test pero sin generar todavía la carpeta coverage.

All Files (90.48%) Generated 2 minutes ago

All Files (90.48% covered at 0.9 hits/line)

6 files in total.
21 relevant lines, 19 lines covered and 2 lines missed. (90.48%)

Search:

File	% covered ▲	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
models/user.rb	66.67 %	6	3	2	1	0.67
spec/models/user_spec.rb	85.71 %	20	7	6	1	0.86
config/environment.rb	100.00 %	4	3	3	0	1.00
models/init.rb	100.00 %	4	4	4	0	1.00
models/question.rb	100.00 %	3	2	2	0	1.00
spec/models/question_spec.rb	100.00 %	5	2	2	0	1.00

Showing 1 to 6 of 6 entries

Una vez que funcionaron las migraciones y que la base de datos test.sqlite3 estaba bien formada pudimos comenzar con el Test #0, el cual cubría únicamente el tema de user.

All Files (86.36%) Generated less than a minute ago

All Files (86.36% covered at 0.86 hits/line)

6 files in total.
44 relevant lines, 38 lines covered and 6 lines missed. (86.36%)

Search:

File	% covered ▲	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
models/user.rb	66.67 %	6	3	2	1	0.67
spec/models/question_spec.rb	84.00 %	66	25	21	4	0.84
spec/models/user_spec.rb	85.71 %	20	7	6	1	0.86
config/environment.rb	100.00 %	4	3	3	0	1.00
models/init.rb	100.00 %	4	4	4	0	1.00
models/question.rb	100.00 %	3	2	2	0	1.00

Showing 1 to 6 of 6 entries

Generated by [simplecov](#) v0.22.0 and [simplecov-html](#) v0.12.2 using RSpec

Se adicionaron test para las preguntas en el proyecto, se cubren tópicos tales como si las preguntas estaban bien definidas, validación de las columnas, etc.

```
ro@ro-IdeaPad-3-15ABAT7:~/Documentos/universidad/IngSoftware/taller/signs/proyecto$ sudo docker compose exec app bundle exec rspec
[sudo] contraseña para ro:
.....D, [2023-09-02T19:16:55.943559 #8] DEBUG -- : User Exists? (0.5ms) SELECT 1 AS one FROM "users" WHERE "users"."email" IS NULL LIMIT ? [{"LIMIT", 1}]
Finished in 0.01853 seconds (files took 0.41827 seconds to load)
9 examples, 0 failures
```

All Files (95.92%) Generated less than a minute ago

All Files (95.92% covered at 0.96 hits/line)

6 files in total.
49 relevant lines, 47 lines covered and 2 lines missed. (95.92%)

Search:

File	% covered ▲	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
models/user.rb	75.00 %	8	4	3	1	0.75
spec/models/user_spec.rb	85.71 %	20	7	6	1	0.86
config/environment.rb	100.00 %	4	3	3	0	1.00
models/init.rb	100.00 %	4	4	4	0	1.00
models/question.rb	100.00 %	7	6	6	0	1.00
spec/models/question_spec.rb	100.00 %	66	25	25	0	1.00

Showing 1 to 6 of 6 entries

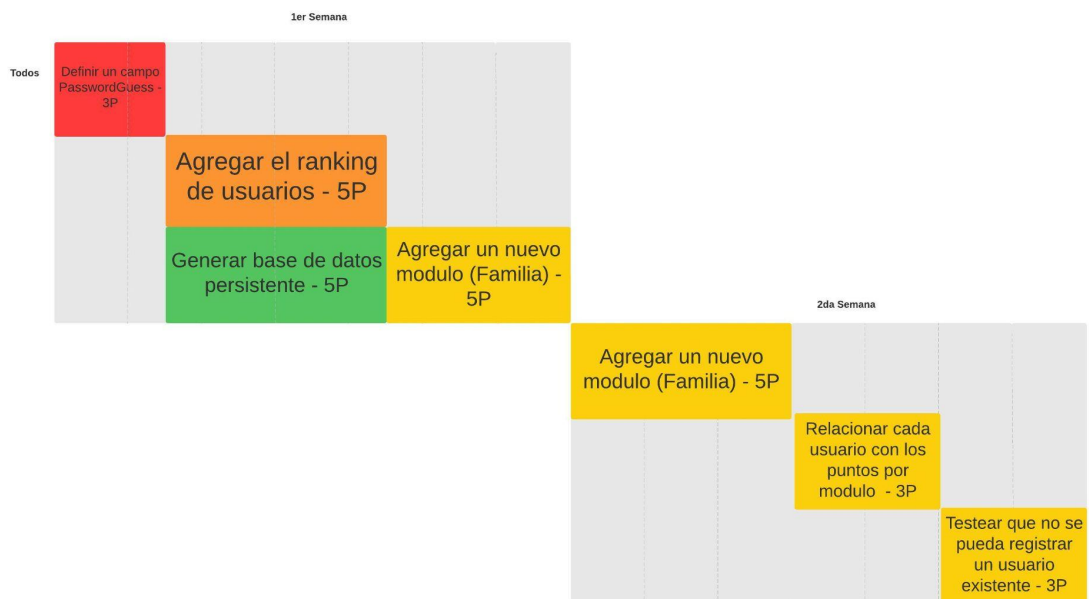
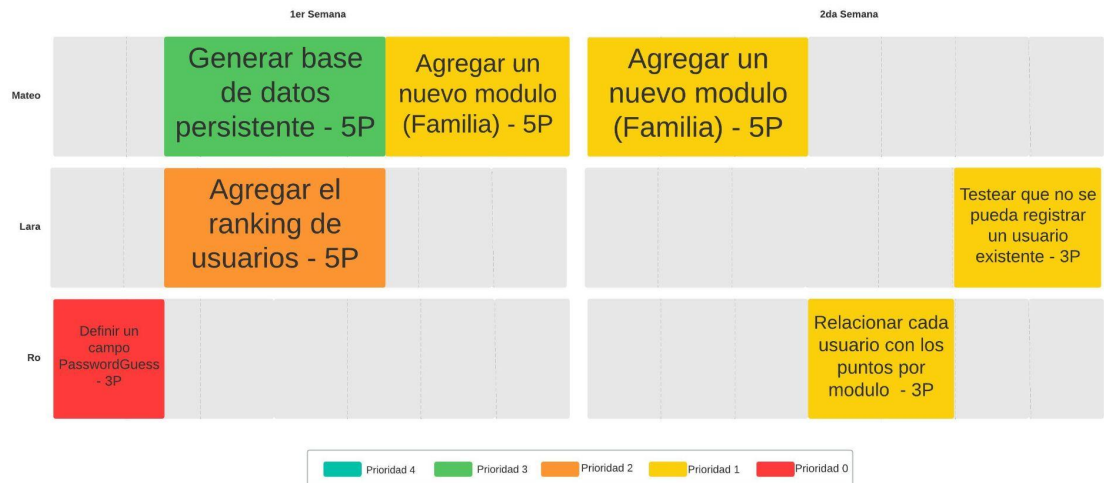
Generated by [simplecov](#) v0.22.0 and [simplecov-html](#) v0.12.2 using RSpec

Se llegó a una cobertura del 95.92% conjunto a todos los test pasados sin ningún tipo de fallo.

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Etapas 2 - Diagrama de Gantt

- Para comenzar esta etapa se procedió a realizar una planificación de actividades y el cálculo de su puntaje por medio del planning poker.
- Una vez realizado esto, generamos una distribución de tareas tanto en un diagrama de Gantt como en pivot tracker.



- Se pudo completar 5 de 6 tareas que había por realizar, esto debido a que para realizar la tarea "Agregar nuevo módulo" llevó más trabajo que lo determinado. Un problema en la modularización.

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Etapa 3 - Ramas

- Para esta etapa se nos pidió empezar a manejar ramas (Previamente todo era pusheado a main).
- Se creó una rama más por cada tarea que iba a ser realizada.

Antes:

Info	5 Sep 2023 22:33	rocioarias	b31ee74c
Documentation	5 Sep 2023 11:11	rocioarias	c9b1df73
Test #4?	3 Sep 2023 12:44	rocioarias	1694521d
Test #3	3 Sep 2023 12:03	rocioarias	caa2b1b5
Test #2	2 Sep 2023 16:27	rocioarias	43973e3c
Test in simplecov	29 Aug 2023 15:15	rocioarias	308abf01
error: User valid when there is no name should be invalid	29 Aug 2023 11:45	Lara Combina	c4b6f4fd
Tests	29 Aug 2023 11:28	rocioarias	49e81525
setup of rspec	22 Aug 2023 12:37	Lara Combina	3b0e7a04
carga del practico 1 de Ig de Software	15 Aug 2023 16:38	Lara Combina	fff43e06
Modificaciones en el html de learn	15 Jun 2023 12:01	MateoSuaress	9717c02f
Learn en funcionamiento	15 Jun 2023 11:41	MateoSuaress	dd7d36f5
Agrego boton en el learn	15 Jun 2023 10:50	MateoSuaress	1700256e
Different answer	14 Jun 2023 23:31	Rocio Arias	a5014e8f
Adding HTML and problemas	13 Jun 2023 14:11	Rocio Arias	84f2cb60
Adding relatives	9 Jun 2023 11:55	Rocio Arias	86c81cf3
modules icons	2 Jun 2023 08:27	MateoSuaress	724f1bd5
add learn section	2 Jun 2023 07:56	MateoSuaress	ae9c2377
Changes in html	2 Jun 2023 10:26	Rocio Arias	15950c69
This is getting better, html changed and now we have our owns img	1 Jun 2023 16:18	Rocio Arias	49120c00
Images and modules	31 May 2023 16:08	Rocio Arias	035c3780
modify tables and load the database	31 May 2023 11:54	MateoSuaress	cca8cf7f
Changes of views of the principal screen	31 May 2023 10:24	Rocio Arias	b1ef72f1
Changes in the module gets in the game	19 May 2023 10:10	Rocio Arias	2867182f
Better views of the exam and the game	18 May 2023 18:54	Rocio Arias	81a725ff
id is working now yey	18 May 2023 16:15	Rocio Arias	7f3685c6
minimum fixes in the server.rb	18 May 2023 09:28	Rocio Arias	3c2dcf21
Now we have id! but only appears question 1	18 May 2023 00:05	Rocio Arias	6bb8df7c
lo mismo que antes pero bien (espero)	17 May 2023 21:34	Lara Combina	f95ae5d7
connect questions to erb file	17 May 2023 18:15	Lara Combina	ea69d4b2

Después:

origin/development corrected db	17 Oct 2023 15:59	Lara Combina	0eeeb47f
fixes how questions are added	17 Oct 2023 15:14	Lara Combina	4b3bd7d7
create-profile Merge pull request #8 from MateoSuaress/186222381newmodule	17 Oct 2023 12:19	Lara Combina	80c40afa
origin/186222381newmodule [Delivers #186222381] Merge the branches	17 Oct 2023 12:13	MateoSuaress	1e25f5f8
[Delivers #186222381] Update database	17 Oct 2023 12:01	MateoSuaress	2509808b
[Delivers #186222381] Complete the task new module	17 Oct 2023 11:39	MateoSuaress	01ee0481
#186222372 Profile created	16 Oct 2023 13:46	rocioarias	efaf668a
origin/HEAD origin/main Merge branch 'main' of https://github.com/MateoSuaress/signs	12 Oct 2023 17:21	MateoSuaress	e31f9bf8
main Merge pull request #7 from MateoSuaress/development	12 Oct 2023 17:20	Rocio A.	15b2f27a
Making new features, commit to save	12 Oct 2023 17:19	rocioarias	880cdcb
Merge branch 'development' of https://github.com/MateoSuaress/signs into 186222381newmodule	12 Oct 2023 16:58	MateoSuaress	e3b634da
[Delivers #186222381] I add images of the module	10 Oct 2023 12:20	MateoSuaress	74829f52
Now we have users	12 Oct 2023 16:03	rocioarias	42413016
Merge branch 'development' of https://github.com/MateoSuaress/signs into create-profile	12 Oct 2023 15:55	rocioarias	68af4ac4
origin/create-profile Merge pull request #5 from MateoSuaress/development	12 Oct 2023 15:54	Rocio A.	2a95bc92
Merge pull request #4 from MateoSuaress/main	12 Oct 2023 15:52	Rocio A.	f32c2f66
Merge branch '186225675-show-correct-answ' into development	11 Oct 2023 19:08	Lara Combina	63cc6a7a
origin/186225675-show-correct-answ css	11 Oct 2023 19:07	Lara Combina	45018e4d
[delivers #186225675] - add js script	10 Oct 2023 23:45	Lara Combina	b4361764
[Delivers #18622381] Edit images and charge the data-base	10 Oct 2023 15:03	MateoSuaress	c228da98
Changing the page	10 Oct 2023 14:47	rocioarias	09366097
Testing git #2	10 Oct 2023 14:24	rocioarias	404657b8
Testing git	10 Oct 2023 14:22	rocioarias	21985edb
origin/186223904-separate-css [delivers #186223904] move css	10 Oct 2023 14:17	Lara Combina	8b8c0831
Merge pull request #3 from MateoSuaress/development	10 Oct 2023 14:16	Rocio A.	6e7a7610
Merge branch 'development' of https://github.com/MateoSuaress/signs into create-profile	10 Oct 2023 14:14	rocioarias	398a3e6c
change table users	10 Oct 2023 14:12	rocioarias	7df3b697
[Delivers #18622381] I add images of the module	10 Oct 2023 12:20	MateoSuaress	0cf55277
Merge pull request #2 from MateoSuaress/186222446-check-integration	10 Oct 2023 12:16	Lara Combina	e8843c2c
[delivers #186222446] add pretty buttons to menu	10 Oct 2023 12:14	Lara Combina	a961373e

Para tener una cobertura completa, se realizaron test de los controladores, dejando todo listo para una refactorización.

All Files (100.0%) Generated less than a minute ago

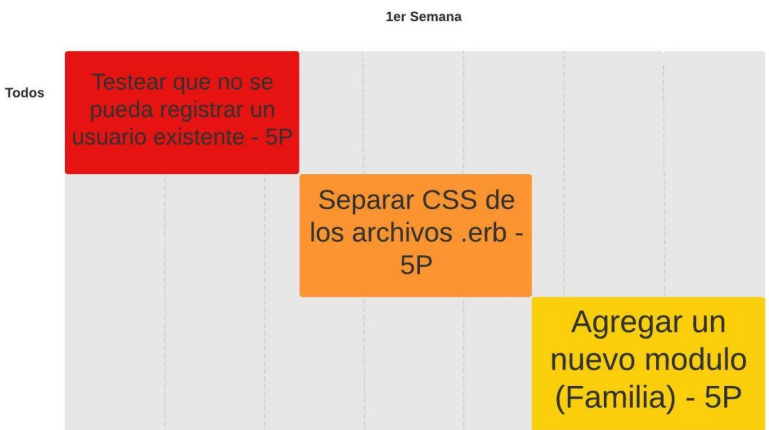
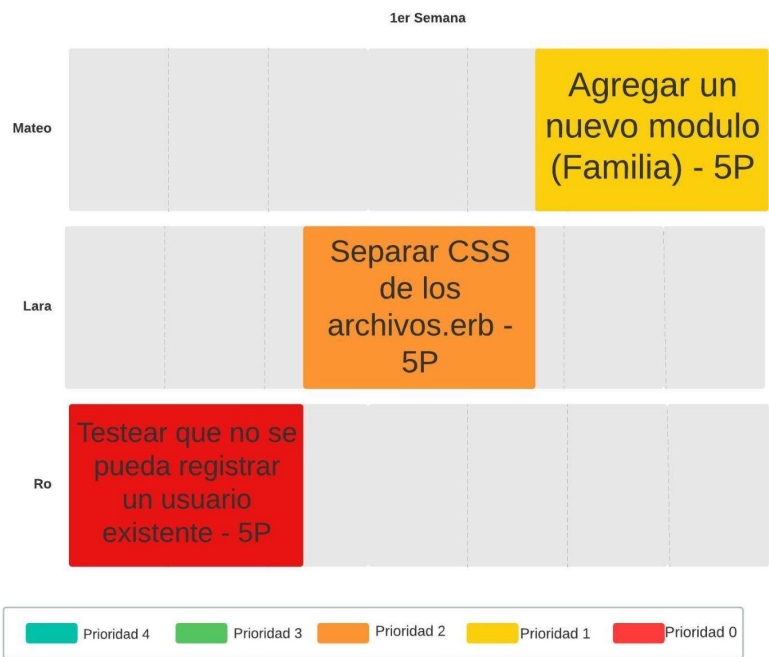
All Files (100.0% covered at 4.03 hits/line)

17 files in total.
447 relevant lines, 447 lines covered and 0 lines missed. (100.0%)

Search:

File	% covered	Lines	Relevant Lines	Lines covered	Lines missed	Avg. Hits / Line
add_cards.rb	100.00 %	42	11	11	0	3.45
add_modules.rb	100.00 %	34	11	11	0	1.55
add_questions.rb	100.00 %	47	13	13	0	4.08
config/environment.rb	100.00 %	6	3	3	0	1.00
models/card.rb	100.00 %	7	4	4	0	1.00
models/init.rb	100.00 %	6	4	4	0	1.00
models/modules.rb	100.00 %	5	2	2	0	1.00
models/question.rb	100.00 %	10	7	7	0	1.00
models/response.rb	100.00 %	6	3	3	0	1.00
models/user.rb	100.00 %	9	5	5	0	1.00
server.rb	100.00 %	217	127	127	0	8.47

Diagrama de Gantt



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Primera pasada rubocop <i>(32 files inspected, 284 offenses detected, 253 offenses autocorrectable)</i>	
Errores de indentación	<ul style="list-style-type: none">- add_cards.rb:16:66: C: [Correctable] Layout/SpaceAfterComma: Space missing after comma.- add_modules.rb:16:36: C: [Correctable] Layout/SpaceInsideHashLiteralBraces: Space inside } missing.- db/migrate/20230512135223_create_cards.rb:5:1: C: [Correctable] Layout/IndentationStyle: Tab detected in indentation.- db/migrate/20230515164400_questions.rb:6:7: C: [Correctable] Layout/IndentationConsistency: Inconsistent indentation detected.- db/schema.rb:22:15: C: [Correctable] Style/StringLiterals: Prefer single-quoted strings when you don't need string interpolation or special symbols.- models/question.rb:8:6: C: [Correctable] Layout/TrailingEmptyLines: Final newline missing. end
Error por cantidad de líneas de código	<ul style="list-style-type: none">- db/schema.rb:13:1: C: Metrics/BlockLength: Block has too many lines. [40/25]
Errores de redundancia	<ul style="list-style-type: none">- spec/spec_helper.rb:12:28: C: [Correctable] Style/RedundantFileExtensionInRequire: Redundant .rb file extension detected. require_relative '../server.rb'

Luego de una pasada más de rubocop y una corrección automática de su parte, los errores fueron reducidos considerablemente.

```
17 Style/Documentation
11 Metrics/BlockLength
 4 Metrics/MethodLength
 1 Lint/EmptyFile
 1 Metrics/ClassLength
 1 Naming/FileName
--
35 Total in 28 files
```