

<<Social Network for Musicians>> :

1. Introduction:

1.1. Aim of the document:

- This document aims to give an overview of the system and what it does, explicating also the functional requirements that must be implemented in the system.

1.2. Overview of the defined system:

- Meet musician and form a band, asking for someone to play something, make me know as a musician, discussing musical topics with other users in a forum based on Q\A, an evaluation system about samples or answers.

1.3. Operational settings:

- Web-App (Website).

1.4. Related systems (at least 2), Pros and Cons: “VillaggioMusicale” – “Fiver”:

Pros: More concentrated about music and musicians; Possibility to talk directly to other musicians and/or bands.

Cons: No informations about concerts; No possibility to be paid if an user plays for someone.

1.1. Glossary:

- *Instrument = Accordion, Bagpipe, Balalaika, Banjo, Bass, Berimbau, Bouzouki, Cello, Cetra, Clarinet, Clavichord, Contrabass, Drum, Flute, Gable, Guitar, HarmonicĂ, Harp, Harpsichord, Horn, Keyboard, Lira, Lute, Mandolin, Microphone, Oboe, Ocarina, Organ, Piano, Saxophone, Sitar, Spinet, Trombone, Trumpet, Violet, Violin, Xylophone.
- *Personal data = first name, last name, birth date, place of residence, email, username, password.
- *Evaluation System = Users click on stars, from 1 to 5. The final rate is the medium between all the rating votes.
- *Moderate Users = Ban, Warning, Restriction to users.

2. User Stories:

- 1. As a musician, I want to register myself into this system, so I can find a band to play with. (V. V.)
- 2. As a music lover, I want to discuss about music in topics, so I can increase or share my knowledge. (V. V.)
- 3. As a user, I want to have a score system about, so I can see how much I'm active on the system. (V. V.)
- 4. As a musician, I want my samples to be evaluated by other users, so I can get feedback. (A. C.)
- 5. As a skilled player, I want to find users' requests asking in songs creating, so I can accomplish them. (A. C.)
- 6. As a user, I want my profile to show the instruments I play and the years of experience I have for each one, so I can be seen from other users. (A. C.)
- 7. As a musician, I want to exchange samples with other users, so I can share music files. (L. M.)
- 8. As a musician, I want a filtering system, so I can find other users easily. (L. M.)
- 9. As a user, I want a mail service, so I can communicate with other users. (L. M.)

3. Functional Requirements:

- 1. The system shall show users' requests in a chronological order of insertion (last inserted, first showed) into a notice-board. (V. V.)
- 2. The system shall provide a mailing system, in which users can send messages and files. (V. V.)
- 3. The system shall implement an evaluation system*, for rating people samples and answers. (V. V.)
- 4. The system shall show, on users' profile, personal picture, first name, last name, age, city of residence, played instruments, years of experience for each one, name of his band/s, role/s in the band/s. (A. C.)
- 5. The system shall allow the user to filter the list of requests based on the instrument specified, and the date on which the request was made. (A. C.)
- 6. The system shall provide a forum where users can ask and answer those of other users. (A. C.)
- 7. The system shall provide user registration, inserting personal data* and also the instrument* played. (L. M.)
- 8. The system shall show all availables users in a notice-board to do samples for other users, showing instrument played. (L. M.)
- 9. The system shall provide a ranking of users based on evaluations (more ratings, more high in ranking), and each month the first 20 users are considered advanced (the old 20, became normal users). (L. M.)

4. Use Cases:

Overview Diagram:

5. StoryBoards:

- 5.1. Mail Service (L.M.)
- 5.2. Sample Posts (L.M.)
- 5.3 Search Members/Bands (A.C.)
- 5.4 Ranking (A.C.)
- 5.5 Questions/Answers (V.V.)
- 5.6 Home (V.V.)

5.1. Mail Service (L.M.)





CERCA NELLA POSTA



SCRIVI

POSTA IN ARRIVO



PREFERITI



BOZZE







INVIATI










★	Alessandro Corsico	testo 1	8 Apr
★	Vincenzo Visconti	testo 2	12 Gen
★	Davide Falessi	testo 3	30 Set
★	Crash Bandicoot	testo 4	15 Mag
★	Caparezza	testo 5	3 Feb
★	John Lennon	testo 6	19 Lug



Leonardo Monnati

5.2. Sample Posts (L.M.)



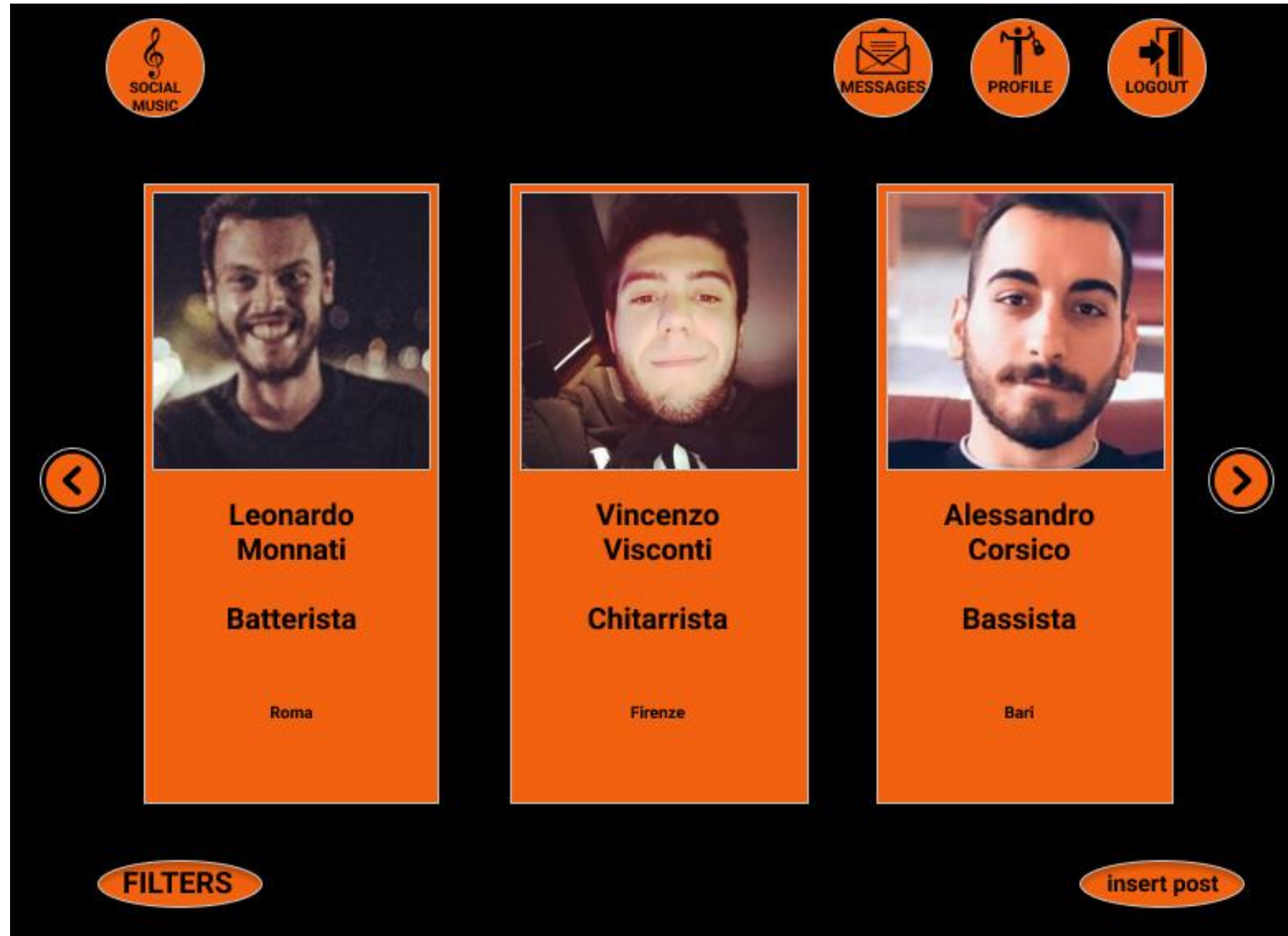
<div>SAMPLE TITLE</div> <div>0.00:0.30</div> <div></div> <div>Vincenzo Visconti Guitarist Length : 30 sec</div>	<div></div> <div>4.2/5.0</div>
<div>SAMPLE TITLE</div> <div>0.00:0.27</div> <div></div> <div>Alessandro Corsico Bassist Length : 27 sec</div>	<div></div> <div>2.3/5.0</div>
<div>SAMPLE TITLE</div> <div>0.00:0.23</div> <div></div> <div>Leonardo Monnati Drummer Length : 23 sec</div>	<div></div> <div>3.7/5.0</div>

FILTER

MY SAMPLES

INSERT SAMPLE

5.3 Search Members & Bands (A.C.)



5.4 Ranking (A.C.)





#1			Alessandro Corsico	Bassista
#2			Vincenzo Visconti	Chitarrista
#3			Leonardo Monnati	Batterista
#4			Marco Corridori	Cantante
#5			Federico Valenti	Batterista
#6			Ilaria Conte	Pianista
#7			Stefania Marinelli	Cantante

5.5 Questions & Answers (V.V.)



Topics

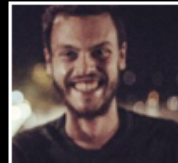


Vincenzo Visconti
Guitarist
Rank: #2

E' nato prima l'uomo o i Pooh?



Answers: 15

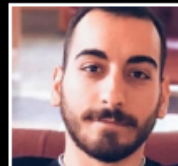


Leonardo Monnati
Drummer

Migliore Batterista? (John Bonham)



Answers: 1



Alessandro Corsico
Bassist

Meglio Waters o Flea?



Answers: 10



FILTER BY

MY TOPICS

NEW TOPIC

5.6 HomePage (V.V.)



Sample Posts



Search Member
Search Band



Questions and
Answers



Ranking



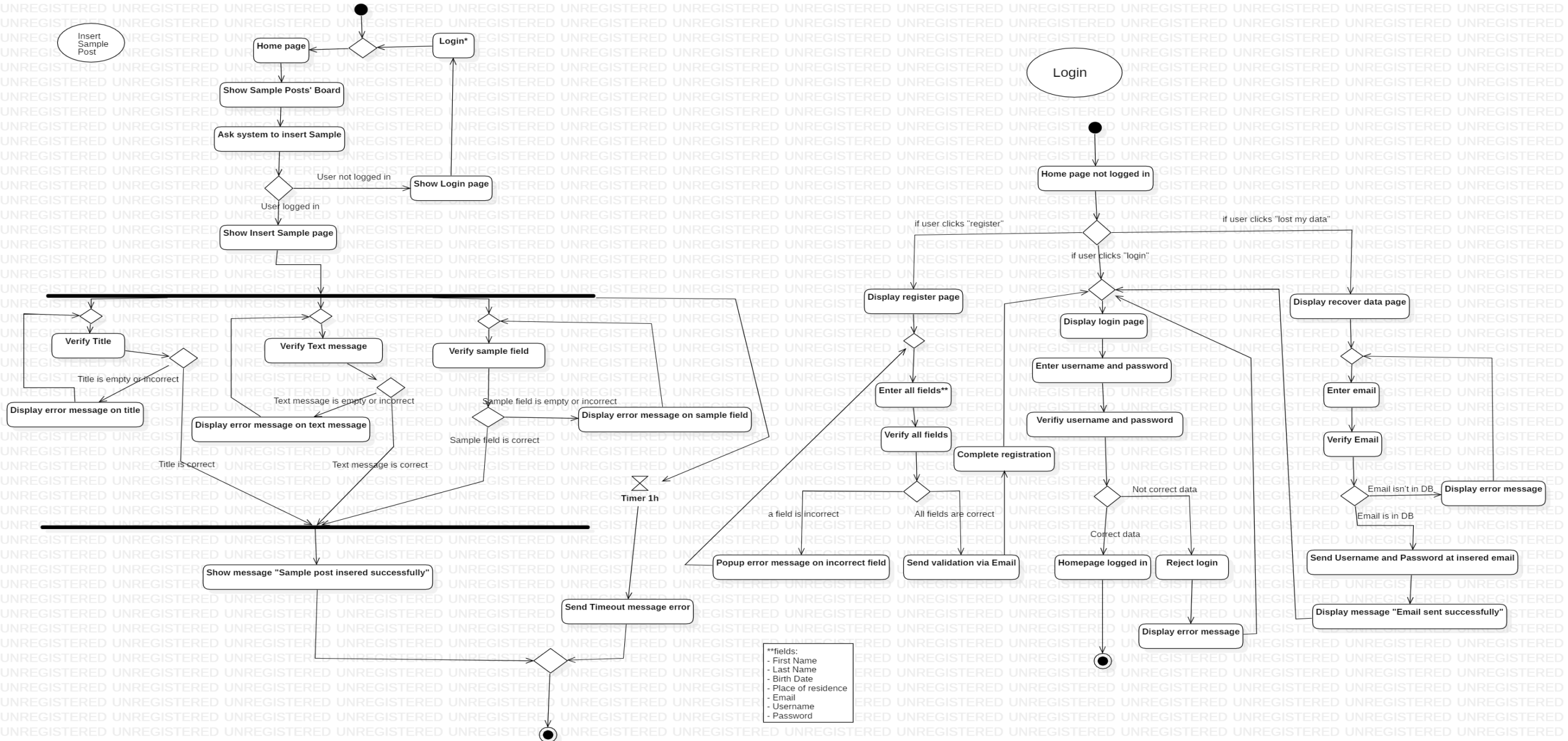
DO REPORT

VIEW RULES

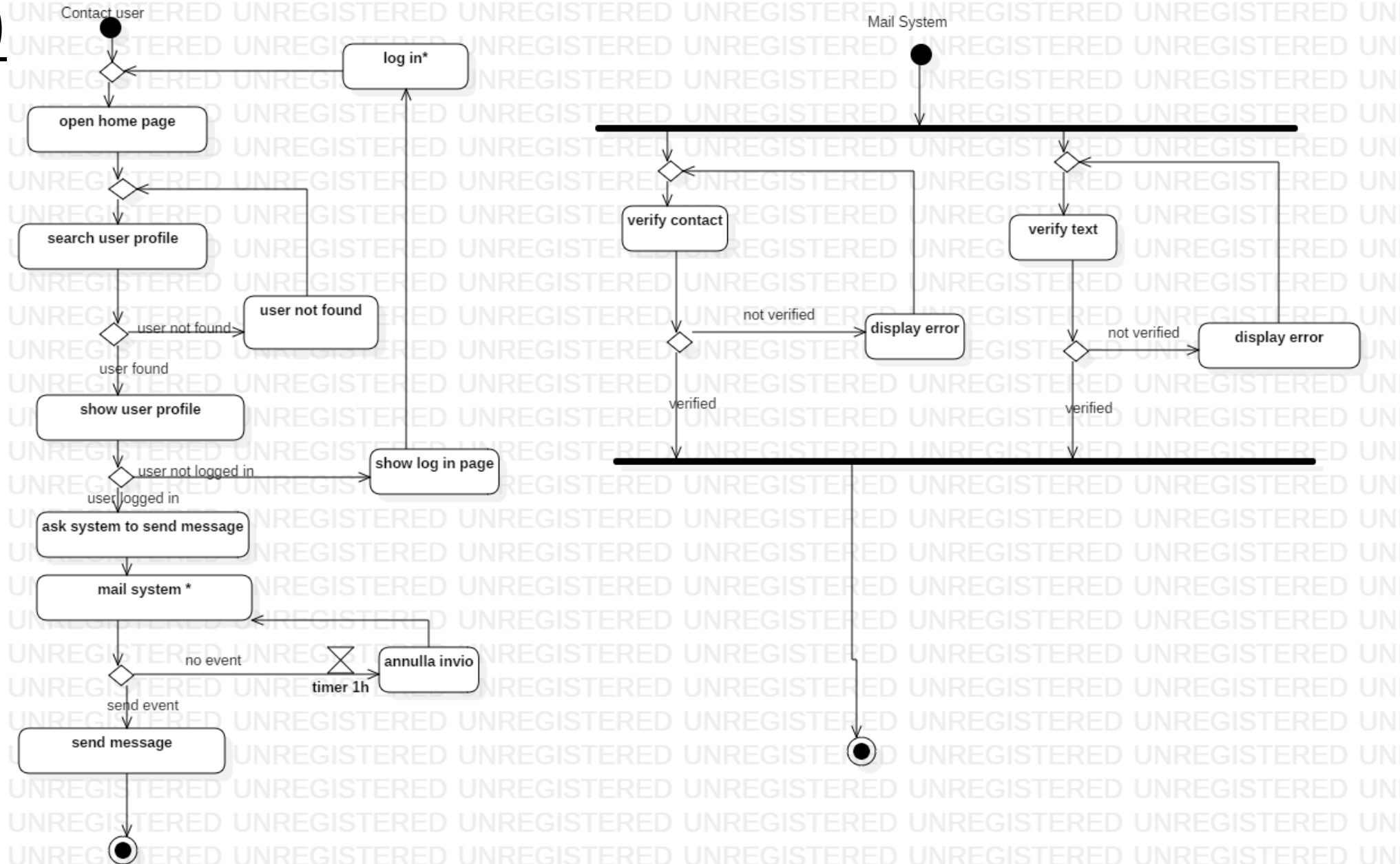
6. Activity Diagram:

- 6.1 Insert Sample post + Login (V.V.)
- 6.2 Contact User + Mail System (L.M.)
- 6.3 Evaluate Samples (A.C.)

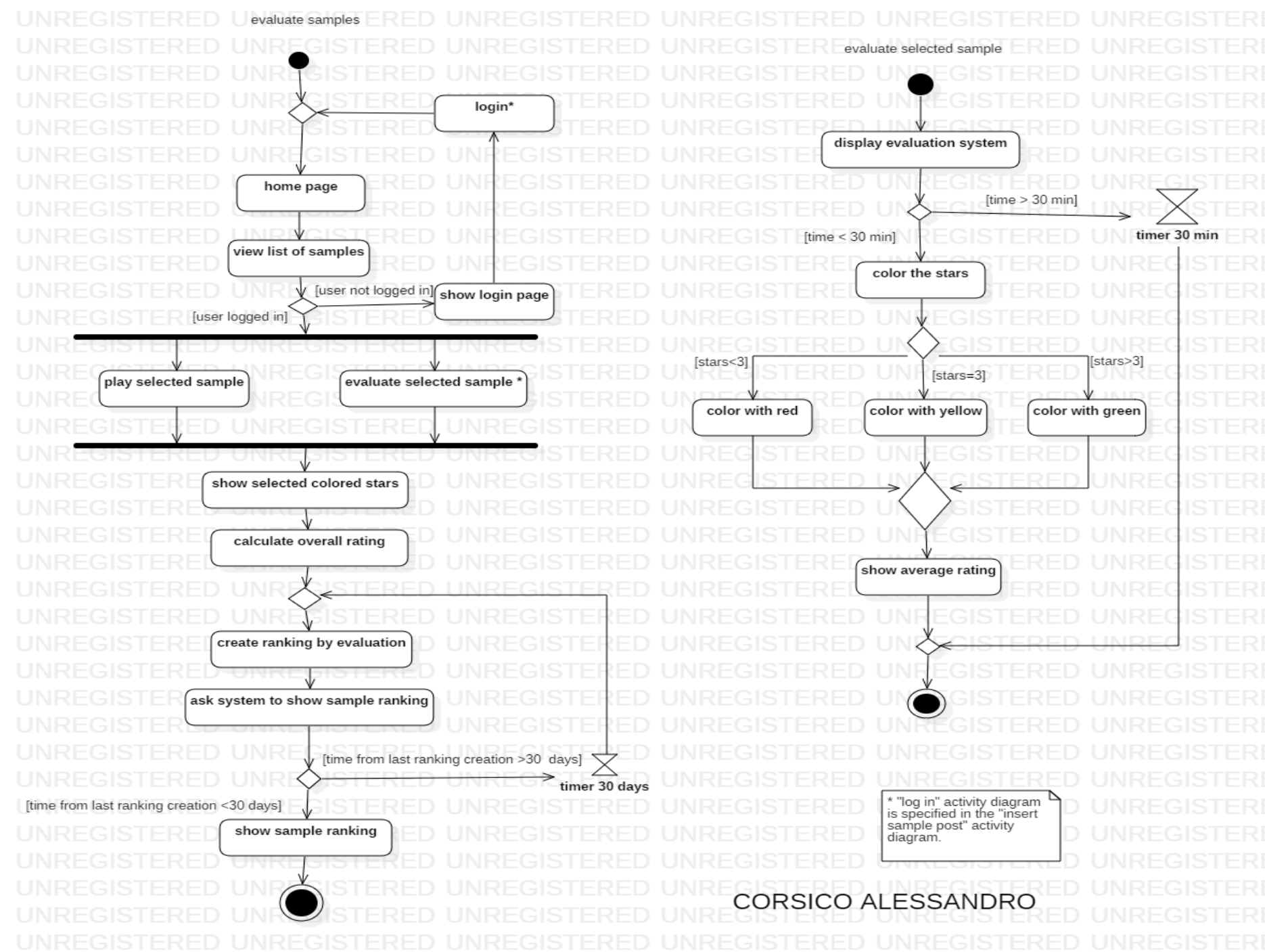
6.1 Insert Sample Post + Login (V.V.)



6.2 Contact Users (L.M.)



6.3 Evaluate Samples (A.C.)



7. GitHub - Travis - SonarCloud

- URL GitHub: <https://github.com/VincenzoVisconti16/Social-Music>
- URL Travis: <https://travis-ci.org/VincenzoVisconti16/Social-Music>
- URL SonarCloud:
https://sonarcloud.io/dashboard?id=VincenzoVisconti16_Social-Music