

Custom Project Report

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Tests

[https://github.com/SGTK06/Job-
Matcher/tree/f6cc1670ae2d127d8a63aab1c7e980d313209305/code/tests](https://github.com/SGTK06/Job-Matcher/tree/f6cc1670ae2d127d8a63aab1c7e980d313209305/code/tests)

Test Documentation

[https://github.com/SGTK06/Job-
Matcher/tree/f6cc1670ae2d127d8a63aab1c7e980d313209305/docs/test-
documentation](https://github.com/SGTK06/Job-Matcher/tree/f6cc1670ae2d127d8a63aab1c7e980d313209305/docs/test-documentation)

When Tests are Run:

```
self.user_preferences.loc[self.user_preferences.index[0]] = new_user_pref
.C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\D2-JobMatcher\src\user_data_manager.py:143: FutureWarning: Setting an item of incompatible dtype is deprecated and will raise an error in a future version of pandas. Value 'hundred' has dtype incompatible with int64, please explicitly cast to a compatible dtype first.
    self.user_preferences.loc[self.user_preferences.index[0]] = new_user_pref
.C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\D2-JobMatcher\src\user_data_manager.py:155: FutureWarning: Downcasting object dtype arrays on .fillna, .ffill, .bfill is deprecated and will change in a future version. Call result.infer_objects(copy=False) instead. To opt-in to the future behavior, set `pd.set_option('future.no_silent_downcasting', True)`
    user_pref = self.user_preferences.fillna("").iloc[0].to_dict()
....Error loading data/user_data.csv
Creating new file with columns: ['user_name', 'user_mail']
Error loading data/user_preferences.csv
Creating new file with columns: ['user_skills', 'min_salary']
Error loading data/saved_listings.csv
Creating new file with columns: ['id', 'url', 'title', 'company_name', 'company_logo', 'category', 'tags', 'job_type', 'publication_date', 'candidate_required_location', 'salary', 'description', 'application_status']
.....Given data does not have the details of a job !!!
.....C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\D2-JobMatcher\src\nlp_processor.py:111: UserWarning: [W008] Evaluating Token.similarity based on empty vectors.
    token_score = token1.similarity(token2)
C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\D2-JobMatcher\src\nlp_processor.py:109: UserWarning: [W008] Evaluating Token.similarity based on empty vectors.
    token_score = token1.similarity(token2)
.....
Ran 95 tests in 39.816s

OK
```

Coverage:

```
PS C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\d2-JobMatcher> coverage report -m
<unknown>:20: SyntaxWarning: invalid escape sequence '\.'
C:\Users\shamg\OneDrive\Documents\FIT2107\stha0083\d2-JobMatcher\src\user_input_validation.py:20: SyntaxWarning: invalid escape sequence '\.'
```


Name	Stmts	Miss	Branch	BrPart	Cover	Missing
src_init_.py	0	0	0	0	100%	
src\api_request.py	27	0	6	0	100%	
src\config.py	6	0	0	0	100%	
src\dashboard_data_feed.py	15	15	0	0	0%	1-26
src\job_listing.py	34	4	0	0	88%	38-39, 50-51
src\job_listing_manager.py	23	0	2	0	100%	
src\job_matching_logic.py	42	13	8	0	66%	45-62
src\nlp_processor.py	58	1	24	1	98%	76
src\user_data_manager.py	94	4	28	4	93%	49-50, 79, 159->156, 173
src\user_input_validation.py	22	0	12	0	100%	
TOTAL	321	37	80	5	89%	


```

```
{} coverage.json M ●
D2-JobMatcher > {} coverage.json > ...
 9 "files": {
1636 "src\\user_input_validation.py": {
1799 |
1800 }
1801 },
1802 "totals": {
1803 "covered_lines": 284,
1804 "num_statements": 321,
1805 "percent_covered": 88.5286783042394,
1806 "percent_covered_display": "89",
1807 "missing_lines": 37,
1808 "excluded_lines": 0,
1809 "num_branches": 80,
1810 "num_partial_branches": 5,
1811 "covered_branches": 71,
1812 "missing_branches": 9
1813 }
1814 }
```

**Statement Coverage: 89%**

**Branch Coverage: 87.3%**