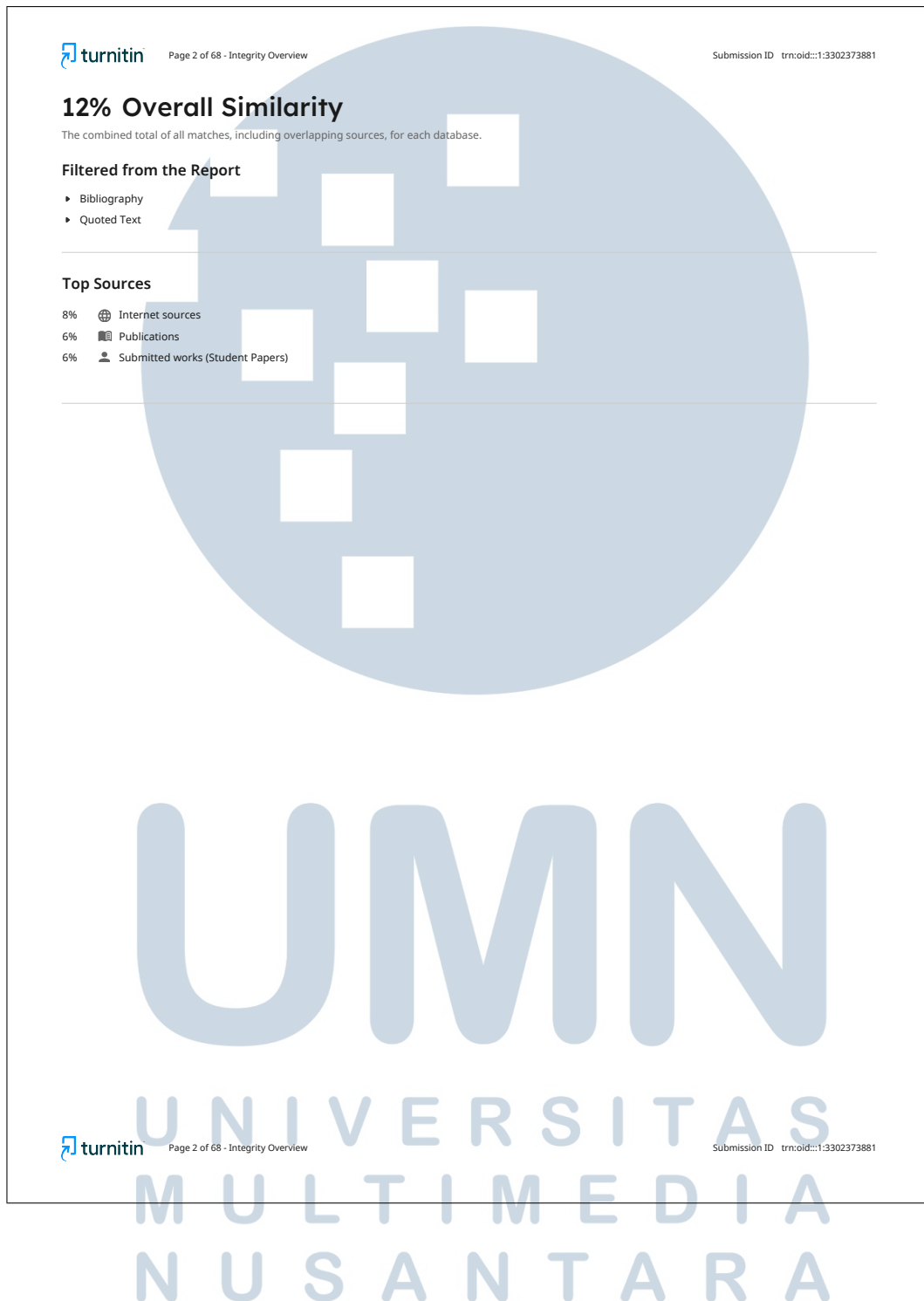


Lampiran 1. Hasil Persentase Turnitin (Wajib Ada)



Top Sources

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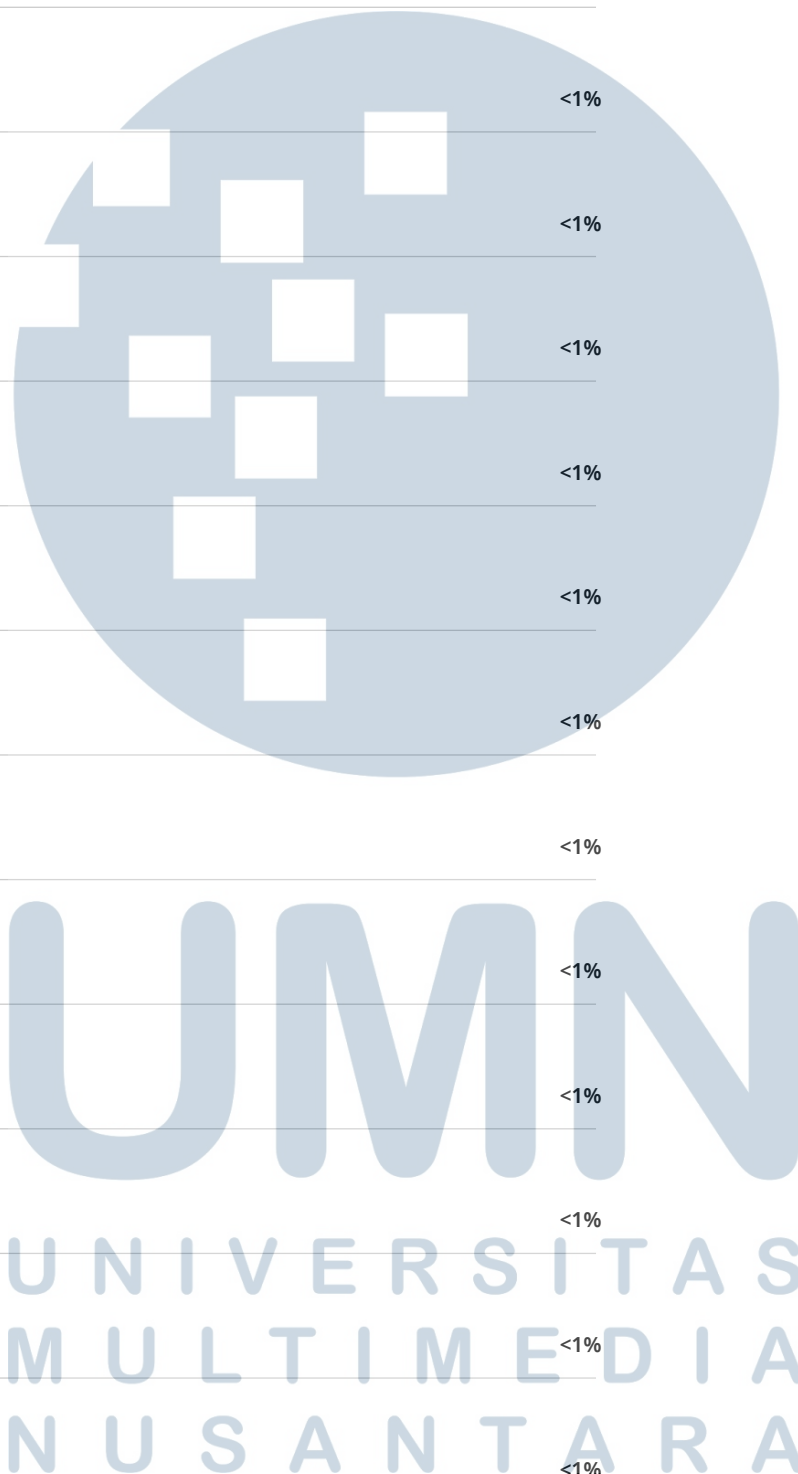
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Lampiran 2. Formulir Bimbingan (Wajib Ada)

Form Bimbingan Skripsi Program Studi Informatics Semester Genap 2024/2025



Nama : VILLE JASON KANNISTO
NIM : 00000063305
Angkatan : 2021
Dosen Pembimbing : Sy Yuliani Yakub, S.Kom., M.T. PhD (Pembimbing)

No	Tanggal	Jam	Keterangan	Tanggal Approval
1	30 Januari 2025	13:00	Pertemuan pertama dengan Ibu Yuliani untuk membicarakan topik penelitian skripsi dan paper - paper terkait	25 Juni 2025 9:40
2	04 Februari 2025	10:00	Pertemuan kedua untuk membicarakan paper terkait dan mencari sumber - sumber dataset	25 Juni 2025 9:40
3	25 Februari 2025	10:00	Pertemuan ketiga untuk membicarakan subject penelitian, melihat contoh - contoh paper, mencari sumber dataset, dan progress penelitian	25 Juni 2025 9:40
4	03 Maret 2025	10:00	Pertemuan keempat, membicarakan progress penelitian, deadline pengumpulan skripsi	25 Juni 2025 9:40
5	09 Mei 2025	12:00	Pertemuan kelima, konsultasi mengenai progress penelitian - model sudah jadi atau belum - ada problem atau tidak, progress penulisan sampai mana	25 Juni 2025 9:40
6	04 Juni 2025	12:30	Membicarakan progress model - sudah jadi. Konsultasi penulisan - bab 1 dan 2	25 Juni 2025 9:40
7	11 Juni 2025	13:00	Konsultasi penulisan dan revisi bab 1 - 2 - 3 dan bimbingan untuk penulisan bab 4	25 Juni 2025 9:40
8	20 Juni 2025	14:00	Konsultasi dan bimbingan untuk penulisan bab 1 hingga bab 5, feedback akan penulisan	25 Juni 2025 9:40

Lampiran 3. Skrip Web-scrapping

```
1 import aiohttp
2 import asyncio
3 import aiofiles
4 import xml.etree.ElementTree as ET
5 from bs4 import BeautifulSoup
6 import csv
7 import os
8 from io import StringIO
9
10 # --- CONFIG ---
11 SITEMAP_URL = 'https://turnbackhoax.id/wp-sitemap-posts-post-9.xml'
12 OUTPUT_CSV = 'Dataset_Indo/Dataset_Fake/dataset_turnbackhoax_500_7.csv'
13 CONCURRENT_REQS = 10
14 RETRIES = 3
15 BACKOFF_FACTOR = 0.5
16 LIMIT = None # e.g. 10 for only first ten URL, or None
    for all
17
18 semaphore = asyncio.Semaphore(CONCURRENT_REQS)
19
20 async def fetch(session, url):
21     for attempt in range(RETURNS):
22         async with semaphore:
23             try:
24                 async with session.get(
25                     url,
26                     timeout=10,
27                     headers={'User-Agent': 'Mozilla/5.0'}
28                 ) as resp:
29                     if resp.status == 500:
30                         raise aiohttp.ClientResponseError(
31                             status=resp.status,
32                             message="Server error",
33                             history=resp.history,
34                             request_info=resp.request_info
35                         )
36                     resp.raise_for_status()
37                     return await resp.text()
38             except (aiohttp.ClientError, asyncio.TimeoutError) as
e:
39                 wait = BACKOFF_FACTOR * (2 ** attempt)
40                 print(f"[{url}] attempt {attempt+1} failed: {e}.
retry in {wait:.1f}s")
41                 await asyncio.sleep(wait)
42                 print(f"[{url}] all retries failed skipping.")
43                 return None
44
45 async def fetch_sitemap_urls():
46     async with aiohttp.ClientSession() as session:
47         xml = await fetch(session, SITEMAP_URL)
```

```

48     if not xml:
49         return []
50     try:
51         root = ET.fromstring(xml)
52         ns = {'ns': 'http://www.sitemaps.org/schemas/sitemap/0.9'}
53         urls = [loc.text for loc in root.findall('./ns:loc', ns)]
54         return urls[:LIMIT] if LIMIT else urls
55     except ET.ParseError as e:
56         print("Sitemap parse error:", e)
57         return []
58
59 async def extract_article_data(session, url):
60     html = await fetch(session, url)
61     if not html:
62         return None
63
64     soup = BeautifulSoup(html, 'html.parser')
65
66     # Title
67     h1 = soup.find('h1', class_='entry-title')
68     title = h1.get_text(strip=True) if h1 else 'Title not found'
69
70     # Timestamp
71     ts = soup.select_one('.entry-meta-date.updated a')
72     timestamp = ts.get_text(strip=True) if ts else 'Timestamp not found'
73
74     # FullText
75     content_div = soup.find('div', class_='entry-content')
76     full_text_parts = []
77     if content_div:
78         capture = False
79         for p in content_div.find_all('p'):
80             txt = p.get_text(strip=True)
81
82             full_text_parts.append(txt)
83
84     full_text = ' '.join(full_text_parts) if full_text_parts else 'Content not found.'
85
86     return {
87         'Title': title,
88         'Timestamp': timestamp,
89         'FullText': full_text
90     }
91
92 async def write_to_csv(path, row):
93     is_new = not os.path.exists(path)
94     async with aiofiles.open(path, 'a', encoding='utf-8', newline='') as afp:
95         buf = StringIO()
96         writer = csv.DictWriter(buf, fieldnames=['Title', 'Timestamp', 'FullText'])

```

```

97         if is_new:
98             writer.writeheader()
99             writer.writerow(row)
100             await afp.write(buf.getvalue())
101
102 async def main():
103     saved_counts = 0
104     urls = await fetch_sitemap_urls()
105     if not urls:
106         print("No URLs to process.")
107         return
108
109     async with aiohttp.ClientSession() as session:
110         tasks = [extract_article_data(session, u) for u in urls]
111         for coro in asyncio.as_completed(tasks):
112             data = await coro
113             if data:
114                 await write_to_csv(OUTPUT_CSV, data)
115                 saved_counts += 1
116                 print(f"[{saved_counts}], Saved:", data['Title'])
117
118 if __name__ == '__main__':
119     asyncio.run(main())

```

